

|                                | Forterra Building Proc<br>5 Grange Park Court,<br>Northampton, N | Lucts Limited<br>Roman Way   |
|--------------------------------|--|--|
|                                |  |  |
|                                | BS EN 771-3:2011   |  |
|                                | Dense 7.3N 100mm -   | Evalast 7.3  |
|                                | 12   |  |
| Dense 7                        | 7.3N 100mm aggregate c   | oncrete masonry units  |
| Loadbearing and non-loadbe     | aring building and civil a single leaf, cavity walls             | applications in all forms of walling including<br>and partitions   |
| Dimensions (LxWxH):            | 440  | (mm) x 100 (mm) x 215 (mm)   |
| Dimensional tolerances:        | category:  | D1   |
| Configuration:                 |  | Solid<br>Group 1   |
| Compressive strength:          |  | Mean 7.3 N/mm <sup>2</sup> [⊥ bed face]. [Cat II]                  |
| Dimension Stability:           | Moisture Movement:   | < 0.55 mm/m  |
| Shear Bond Strength:           | Fixed value:   | 0.15 N/mm <sup>2</sup>   |
| Flexural Bond Strength:        |  | NPD  |
| Reaction to fire:              |  | Euroclass A1   |
| Water Absorption:              |  | NPD  |
| Water vapour Permeability :    | Fixed Value:   | 5/15   |
| Direct airborne sound insula   | tion:  |  |
|                                | Gross density:   | 1990 kg/m <sup>3</sup>   |
|                                | Configuration:   | As Above   |
| Thermal conductivity:          |  | $0.99 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit}},S1\right]$ |
| Durability against freeze-thav | <b>v</b> :   | Pass   |
| Dangerous Substances:          |  | NPD  |
|                                |  |  |

See Also Declaration of Performance DOP / 5057595000057

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type:

#### Dense 7.3N 100mm aggregate concrete masonry units

- 2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Dense 7.3N 100mm - Evalast 7.3
- 1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions
- 3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 4

| Essential Performance<br>Characteristics |   | Harmonised<br>Technical<br>Specification |  |
|--|---|--|--|
| Dimensions and                           | 440 x 100 x 215 mm                                |  |  |
| Dimensional Tolerance                    | D1  |  |  |
| Configuration                            | Solid   |  |  |
|  | Group 1   |  |  |
| Compressive Strength                     | Mean 7.3 N/mm <sup>2</sup> [⊥ bed face]. [Cat II] |  |  |
| Dimensional Stability                    |   | EN 771-3: 2011 + A1:2015                 |  |
| Moisture Movement:                       | < 0.55 mm/m                                       |  |  |
| Shear Bond Strength                      |   |  |  |
| Fixed value:                             | 0.15 N/mm <sup>2</sup>                            |  |  |
| Flexural Bond Strength: NPD              |   |  |  |
| Reaction to Fire                         | Euroclass A1                                      | Commission Decision<br>2000/605/EC       |  |
| Water Absorption                         | NPD   |  |  |
| Water Vapour Permeability                |   |  |  |
| Fixed Value:                             | 5/15  |  |  |
| Direct Airborne Sound                    |   |  |  |
| Insulation                               |   |  |  |
| Gross density: 1990 kg/m <sup>3</sup>    |   | EN 771-3: 2011 + A1:2015                 |  |
| Configuration:                           | As Above  |  |  |
| Equivalent Thermal Conductivity          | 0.99 W/m.K [λ <sub>10,dry unit</sub> , S1]        |  |  |
| Durability Against Freeze Thaw           | Pass  |  |  |
| Dangerous Substances                     | NPD   |  |  |

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|---|---|--|
|   | BS EN 771-3:2011  | + A1:2015  |
|   | Dense 10.4N 100mm ·   | - Evalast 10.4   |
|   | 12  |  |
| Dense 1                                 | 0.4N 100mm aggregate  | concrete masonry units   |
| Loadbearing and non-loadbe              | earing building and civil a single leaf, cavity walls             | applications in all forms of walling including<br>and partitions |
| Dimensions (LxWxH):                     | 440   | (mm) x 100 (mm) x 215 (mm)                                       |
| Dimensional tolerances:                 | category:   | D1<br>Solid<br>Crown 1   |
| Configuration:<br>Compressive strength: |   | Group 1<br>Mean 10.4 N/mm² [⊥ bed face]. [Cat II]                |
|   |   |  |
| Dimension Stability:                    | Moisture Movement:  | < 0.55 mm/m  |
| Shear Bond Strength:                    | Fixed value:  | 0.15 N/mm <sup>2</sup>   |
| Flexural Bond Strength:                 |   | NPD  |
| Reaction to fire:                       |   | Euroclass A1   |
| Water Absorption:                       |   | NPD  |
| Water vapour Permeability :             | Fixed Value:  | 5/15   |
| Direct airborne sound insula            | tion:   |  |
|   | Gross density:  | 1990 kg/m <sup>3</sup>   |
|   | Configuration:  | As Above   |
| Thermal conductivity:                   |   | $0.99 \text{ W/m.K} [\lambda_{10,dry \text{ unit, }} S1]$        |
| Durability against freeze-that          | w:  | Pass   |
| Dangerous Substances:                   |   | NPD  |
|   |   |  |

See Also Declaration of Performance DOP / 5057595000064

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type:

### Dense 10.4N 100mm aggregate concrete masonry units

- 2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Dense 10.4N 100mm - Evalast 10.4
- 1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions
- 3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 4

| Essential Performance<br>Characteristics |  | Harmonised<br>Technical<br>Specification |  |
|--|--|--|--|
| Dimensions and                           | 440 x 100 x 215 mm                                 |  |  |
| Dimensional Tolerance                    | D1   |  |  |
| Configuration                            | Solid  |  |  |
|  | Group 1  |  |  |
| Compressive Strength                     | Mean 10.4 N/mm <sup>2</sup> [⊥ bed face]. [Cat II] |  |  |
| Dimensional Stability                    |  | EN 771-3: 2011 + A1:2015                 |  |
| Moisture Movement:                       | < 0.55 mm/m  |  |  |
| Shear Bond Strength                      |  |  |  |
| Fixed value:                             | 0.15 N/mm <sup>2</sup>                             |  |  |
| Flexural Bond Strength: NPD              |  |  |  |
| Reaction to Fire                         | Euroclass A1                                       | Commission Decision<br>2000/605/EC       |  |
| Water Absorption                         | NPD  |  |  |
| Water Vapour Permeability                |  |  |  |
| Fixed Value:                             | 5/15   |  |  |
| Direct Airborne Sound                    |  |  |  |
| Insulation                               |  |  |  |
| Gross density:                           | 1990 kg/m <sup>3</sup>                             | EN 771-3: 2011 + A1:2015                 |  |
| Configuration:                           | As Above   |  |  |
| Equivalent Thermal Conductivity          | 0.99 W/m.K [λ <sub>10,dry unit</sub> , S1]         |  |  |
| Durability Against Freeze Thaw           | Pass   |  |  |
| Dangerous Substances                     | NPD  |  |  |

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|---|--|---|
|   | BS EN 771-3:2011   | + A1:2015   |
|   | Dense 17.5N 100mm -  | Evalast 17.5  |
|   | 12   |   |
| Dense 1                                   | 7.5N 100mm aggregate   | concrete masonry units  |
| Loadbearing and non-loadbe                | earing building and civil a single leaf, cavity walls            | applications in all forms of walling including and partitions |
| Dimensions (LxWxH):                       | 440  | (mm) x 100 (mm) x 215 (mm)                                    |
| Dimensional tolerances:<br>Configuration: | category:  | D1<br>Solid<br>Group 1  |
| Compressive strength:                     |  | Mean 17.5 N/mm <sup>2</sup> [⊥ bed face]. [Cat II]            |
| Dimension Stability:                      | Moisture Movement:   | < 0.55 mm/m   |
| -   |  |   |
| Shear Bond Strength:                      | Fixed value:   | 0.15 N/mm <sup>2</sup>  |
| Flexural Bond Strength:                   |  | NPD   |
| Reaction to fire:                         |  | Euroclass A1  |
| Water Absorption:                         |  | NPD   |
| Water vapour Permeability :               | Fixed Value:   | 5/15  |
| Direct airborne sound insula              | tion:  |   |
|   | Gross density:   | 1990 kg/m <sup>3</sup>  |
|   | Configuration:   | As Above  |
| Thermal conductivity:                     |  | 0.99 W/m.K [λ <sub>10,dry unit,</sub> S1]                     |
| Durability against freeze-that            | w:   | Pass  |
| Dangerous Substances:                     |  | NPD   |
|   |  |   |

See Also Declaration of Performance DOP / 5057595000071

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type:

### Dense 17.5N 100mm aggregate concrete masonry units

- 2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Dense 17.5N 100mm - Evalast 17.5
- 1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions
- 3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 4

| Essential Performance<br>Characteristics |  | Harmonised<br>Technical<br>Specification |  |
|--|--|--|--|
| Dimensions and                           | 440 x 100 x 215 mm                                 |  |  |
| Dimensional Tolerance                    | D1   |  |  |
| Configuration                            | Solid  |  |  |
|  | Group 1  |  |  |
| Compressive Strength                     | Mean 17.5 N/mm <sup>2</sup> [⊥ bed face]. [Cat II] |  |  |
| Dimensional Stability                    |  | EN 771-3: 2011 + A1:2015                 |  |
| Moisture Movement:                       | < 0.55 mm/m  |  |  |
| Shear Bond Strength                      |  |  |  |
| Fixed value:                             | 0.15 N/mm <sup>2</sup>                             |  |  |
| Flexural Bond Strength: NPD              |  |  |  |
| Reaction to Fire                         | Euroclass A1                                       | Commission Decision<br>2000/605/EC       |  |
| Water Absorption                         | NPD  |  |  |
| Water Vapour Permeability                |  |  |  |
| Fixed Value:                             | 5/15   |  |  |
| Direct Airborne Sound                    |  |  |  |
| Insulation                               |  |  |  |
| Gross density:                           | 1990 kg/m <sup>3</sup>                             | EN 771-3: 2011 + A1:2015                 |  |
| Configuration:                           | As Above   |  |  |
| Equivalent Thermal Conductivity          | 0.99 W/m.K [λ <sub>10,dry unit</sub> , S1]         |  |  |
| Durability Against Freeze Thaw           | Pass   |  |  |
| Dangerous Substances                     | NPD  |  |  |

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|--------------------------------|---|--|
|                                | BS EN 771-3:2011  | . 41:2015  |
|                                |   |  |
|                                | Dense 22.5N 100mm -   | Evalast 22.5   |
|                                | 12  |  |
| Dense 2                        | 2.5N 100mm aggregate o  | concrete masonry units   |
| Loadbearing and non-loadbe     | aring building and civil a<br>single leaf, cavity walls           | applications in all forms of walling including<br>and partitions     |
| Dimensions (LxWxH):            | 440   | (mm) x 100 (mm) x 215 (mm)   |
| Dimensional tolerances:        | category:   | D1<br>Solid  |
| Configuration:                 |   | Group 1  |
| Compressive strength:          |   | Mean 22.5 N/mm <sup>2</sup> [⊥ bed face]. [Cat II]                   |
| Dimension Stability:           | Moisture Movement:  | < 0.55 mm/m  |
| Shear Bond Strength:           | Fixed value:  | 0.15 N/mm <sup>2</sup>   |
| Flexural Bond Strength:        |   | NPD  |
| Reaction to fire:              |   | Euroclass A1   |
| Water Absorption:              |   | NPD  |
| Water vapour Permeability :    | Fixed Value:  | 5/15   |
| Direct airborne sound insulat  | tion:   |  |
|                                | Gross density:  | 1990 kg/m <sup>3</sup>   |
|                                | Configuration:  | As Above   |
| Thermal conductivity:          |   | $0.99 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit, }} S1\right]$ |
| Durability against freeze-thav | w:  | Pass   |
| Dangerous Substances:          |   | NPD  |
|                                |   |  |

See Also Declaration of Performance DOP / 5057595000088

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type:

#### Dense 22.5N 100mm aggregate concrete masonry units

- Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).
   Dense 22.5N 100mm - Evalast 22.5
- 1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions
- Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 4

| Essential Performance<br>Characteristics |  | Harmonised<br>Technical<br>Specification |  |
|--|--|--|--|
| Dimensions and                           | 440 x 100 x 215 mm                         |  |  |
| Dimensional Tolerance                    | D1   |  |  |
| Configuration                            | Solid                                      |  |  |
|  | Group 1                                    |  |  |
| Compressive Strength                     | Mean 22.5 N/mm² [⊥ bed face]. [Cat II]     |  |  |
| Dimensional Stability                    |  | EN 771-3: 2011 + A1:2015                 |  |
| Moisture Movement:                       | < 0.55 mm/m                                |  |  |
| Shear Bond Strength                      |  |  |  |
| Fixed value:                             | 0.15 N/mm <sup>2</sup>                     |  |  |
| Flexural Bond Strength: NPD              |  |  |  |
| Reaction to Fire                         | Euroclass A1                               | Commission Decision<br>2000/605/EC       |  |
| Water Absorption                         | NPD  |  |  |
| Water Vapour Permeability                |  |  |  |
| Fixed Value:                             | 5/15                                       |  |  |
| Direct Airborne Sound                    |  |  |  |
| Insulation                               |  |  |  |
| Gross density:                           | 1990 kg/m <sup>3</sup>                     | EN 771-3: 2011 + A1:2015                 |  |
| Configuration:                           | As Above                                   |  |  |
| Equivalent Thermal Conductivity          | 0.99 W/m.K [λ <sub>10,dry unit</sub> , S1] |  |  |
| Durability Against Freeze Thaw           | Pass                                       |  |  |
| Dangerous Substances                     | NPD  |  |  |

. The performance of the product identified in points 1 and 2 is in comonity with the declared performance in point

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|                                | BS EN 771-3:2011   | + A1:2015  |
|                                | Dense 30.0N 100mm  | - Evalast 30   |
|                                | 12   |  |
| Dense 3                        | 0.0N 100mm aggregate o   | concrete masonry units   |
|                                |  | applications in all forms of walling including                     |
| Dimensions (LxWxH):            | 440  | (mm) x 100 (mm) x 215 (mm)   |
| Dimensional tolerances:        | category:  | D1   |
| Configuration:                 |  | Solid<br>Group 1   |
| Compressive strength:          |  | Mean 30 N/mm <sup>2</sup> [⊥ bed face]. [Cat II]                   |
| Dimension Stability:           | Moisture Movement:   | < 0.55 mm/m  |
| Shear Bond Strength:           | Fixed value:   | 0.15 N/mm <sup>2</sup>   |
| Flexural Bond Strength:        |  | NPD  |
| Reaction to fire:              |  | Euroclass A1   |
| Water Absorption:              |  | NPD  |
| Water vapour Permeability :    | Fixed Value:   | 5/15   |
| Direct airborne sound insulat  | tion:  |  |
|                                | Gross density:   | 1990 kg/m <sup>3</sup>   |
|                                | Configuration:   | As Above   |
| Thermal conductivity:          |  | $0.99 \text{ W/m.K} \left[\lambda_{10,\text{dry unit,}} S1\right]$ |
| Durability against freeze-thav | v:   | Pass   |
| Dangerous Substances:          |  | NPD  |
|                                |  |  |

See Also Declaration of Performance DOP / 5057595000095

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type:

Declared Derfermence

#### Dense 30.0N 100mm aggregate concrete masonry units

- 2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Dense 30.0N 100mm - Evalast 30
- 1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions
- 3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 4

| Essential Performance<br>Characteristics |  | Harmonised<br>Technical<br>Specification |  |
|--|--|--|--|
| Dimensions and                           | 440 x 100 x 215 mm                         |  |  |
| Dimensional Tolerance                    | D1   |  |  |
| Configuration                            | Solid                                      |  |  |
|  | Group 1                                    |  |  |
| Compressive Strength                     | Mean 30 N/mm² [⊥ bed face]. [Cat II]       |  |  |
| Dimensional Stability                    |  | EN 771-3: 2011 + A1:2015                 |  |
| Moisture Movement:                       | < 0.55 mm/m                                |  |  |
| Shear Bond Strength                      |  |  |  |
| Fixed value:                             | 0.15 N/mm <sup>2</sup>                     |  |  |
| Flexural Bond Strength:                  | NPD  |  |  |
| Reaction to Fire Euroclass A1            |  | Commission Decision<br>2000/605/EC       |  |
| Water Absorption                         | NPD  |  |  |
| Water Vapour Permeability                |  |  |  |
| Fixed Value:                             | 5/15                                       |  |  |
| Direct Airborne Sound                    |  |  |  |
| Insulation                               |  |  |  |
| Gross density: 1990 kg/m <sup>3</sup>    |  | EN 771-3: 2011 + A1:2015                 |  |
| Configuration:                           | As Above                                   |  |  |
| Equivalent Thermal Conductivity          | 0.99 W/m.K [λ <sub>10,dry unit</sub> , S1] |  |  |
| Durability Against Freeze Thaw           | Pass                                       |  |  |
| Dangerous Substances                     | NPD  |  |  |

points and 2 is in conformity with the declared p

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|-------------------------------|--|--|
|                               | BS EN 771-3:2011   | + A1:2015  |
|                               | Dense 7.3N 140mm   | Evalast 7.3  |
|                               | 12   |  |
| Dense                         | 7.3N 140mm aggregate o   | concrete masonry units   |
| Loadbearing and non-loadb     | earing building and civil single leaf, cavity walls              | applications in all forms of walling including<br>and partitions |
| Dimensions (LxWxH):           | 440  | (mm) x 140 (mm) x 215 (mm)                                       |
| Dimensional tolerances:       | category:  | D1   |
| Configuration:                |  | Solid<br>Group 1   |
| Compressive strength:         |  | Mean 7.3 N/mm <sup>2</sup> [⊥ bed face]. [Cat II]                |
| Dimension Stability:          | Moisture Movement:   | < 0.55 mm/m  |
| Shear Bond Strength:          | Fixed value:   | 0.15 N/mm <sup>2</sup>   |
| Flexural Bond Strength:       |  | NPD  |
| Reaction to fire:             |  | Euroclass A1   |
| Water Absorption:             |  | NPD  |
| Water vapour Permeability :   | Fixed Value:   | 5/15   |
| Direct airborne sound insula  | ation:   |  |
|                               | Gross density:   | 1990 kg/m <sup>3</sup>   |
|                               | Configuration:   | As Above   |
| Thermal conductivity:         |  | 0.99 W/m.K [λ <sub>10,dry unit</sub> , S1]                       |
| Durability against freeze-tha | w:   | Pass   |
| Dangerous Substances:         |  | NPD  |

See Also Declaration of Performance DOP / 5057595000101

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type:

### Dense 7.3N 140mm aggregate concrete masonry units

- 2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Dense 7.3N 140mm - Evalast 7.3
- 1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions
- 3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

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4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 4

| Essential Performance<br>Characteristics |   | Harmonised<br>Technical<br>Specification |  |
|--|---|--|--|
| Dimensions and                           | 440 x 140 x 215 mm                                |  |  |
| Dimensional Tolerance                    | D1  |  |  |
| Configuration                            | Solid   |  |  |
|  | Group 1   |  |  |
| Compressive Strength                     | Mean 7.3 N/mm <sup>2</sup> [⊥ bed face]. [Cat II] |  |  |
| Dimensional Stability                    |   | EN 771-3: 2011 + A1:2015                 |  |
| Moisture Movement:                       | < 0.55 mm/m                                       |  |  |
| Shear Bond Strength                      |   |  |  |
| Fixed value:                             | 0.15 N/mm <sup>2</sup>                            |  |  |
| Flexural Bond Strength: NPD              |   |  |  |
| Reaction to Fire                         | Euroclass A1                                      | Commission Decision<br>2000/605/EC       |  |
| Water Absorption                         | NPD   |  |  |
| Water Vapour Permeability                |   |  |  |
| Fixed Value:                             | 5/15  |  |  |
| Direct Airborne Sound                    |   |  |  |
| Insulation                               |   |  |  |
| Gross density: 1990 kg/m <sup>3</sup>    |   | EN 771-3: 2011 + A1:2015                 |  |
| Configuration:                           | As Above  |  |  |
| Equivalent Thermal Conductivity          | 0.99 W/m.K [λ <sub>10,dry unit</sub> , S1]        |  |  |
| Durability Against Freeze Thaw           | Pass  |  |  |
| Dangerous Substances                     | NPD   |  |  |

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|--------------------------------|--|--|
|                                | BS EN 771-3:2011   | + A1:2015  |
|                                | Dense 10.4N 140mm -  | Evalast 10.4                                       |
|                                | 12   |  |
| Dense 1                        | 0.4N 140mm aggregate o   | concrete masonry units                             |
|                                | earing building and civil a                                      | applications in all forms of walling including     |
| -                              | single leaf, cavity walls  | and partitions                                     |
| Dimensions (LxWxH):            | 440  | (mm) x 140 (mm) x 215 (mm)                         |
| Dimensional tolerances:        | category:  | D1   |
| Configuration:                 |  | Solid<br>Group 1                                   |
| Compressive strength:          |  | Mean 10.4 N/mm <sup>2</sup> [⊥ bed face]. [Cat II] |
| Dimension Stability:           | Moisture Movement:   | < 0.55 mm/m  |
| Shear Bond Strength:           | Fixed value:   | 0.15 N/mm <sup>2</sup>                             |
| Flexural Bond Strength:        |  | NPD  |
| Reaction to fire:              |  | Euroclass A1                                       |
| Water Absorption:              |  | NPD  |
| Water vapour Permeability :    | Fixed Value:   | 5/15   |
| Direct airborne sound insula   | tion:  |  |
|                                | Gross density:   | 1990 kg/m <sup>3</sup>                             |
|                                | Configuration:   | As Above   |
| Thermal conductivity:          |  | 0.99 W/m.K [λ <sub>10,dry unit,</sub> S1]          |
| Durability against freeze-that | w:   | Pass   |
| Dangerous Substances:          |  | NPD  |
|                                |  |  |

See Also Declaration of Performance DOP / 5057595000118

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type:

### Dense 10.4N 140mm aggregate concrete masonry units

- 2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Dense 10.4N 140mm - Evalast 10.4
- 1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions
- 3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 4

| Essential Performance<br>Characteristics |  | Harmonised<br>Technical<br>Specification |  |
|--|--|--|--|
| Dimensions and                           | 440 x 140 x 215 mm                                 |  |  |
| Dimensional Tolerance                    | D1   |  |  |
| Configuration                            | Solid  |  |  |
|  | Group 1  |  |  |
| Compressive Strength                     | Mean 10.4 N/mm <sup>2</sup> [⊥ bed face]. [Cat II] |  |  |
| Dimensional Stability                    |  | EN 771-3: 2011 + A1:2015                 |  |
| Moisture Movement:                       | < 0.55 mm/m  |  |  |
| Shear Bond Strength                      |  |  |  |
| Fixed value:                             | 0.15 N/mm <sup>2</sup>                             |  |  |
| Flexural Bond Strength: NPD              |  |  |  |
| Reaction to Fire                         | Euroclass A1                                       | Commission Decision<br>2000/605/EC       |  |
| Water Absorption                         | NPD  |  |  |
| Water Vapour Permeability                |  |  |  |
| Fixed Value:                             | 5/15   |  |  |
| Direct Airborne Sound                    |  |  |  |
| Insulation                               |  |  |  |
| Gross density:                           | 1990 kg/m <sup>3</sup>                             | EN 771-3: 2011 + A1:2015                 |  |
| Configuration:                           | As Above   |  |  |
| Equivalent Thermal Conductivity          | 0.99 W/m.K [λ <sub>10,dry unit</sub> , S1]         |  |  |
| Durability Against Freeze Thaw           | Pass   |  |  |
| Dangerous Substances                     | NPD  |  |  |

points and 2 is in conformity with the declared p

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|  | Forterra Building Proc<br>5 Grange Park Court,<br>Northampton, Nt | Lucts Limited<br>Roman Way                         |
|--|---|--|
|  | BS EN 771-3:2011  | + A1:2015  |
|  | Dense 17.5N 140mm -   |  |
|  | 12  |  |
| Dense 1  | 7.5N 140mm aggregate (  | concrete masonry units                             |
|  |   | applications in all forms of walling including     |
| Dimensions (LxWxH):<br>Dimensional tolerances: | 440<br>category:  | (mm) x 140 (mm) x 215 (mm)<br>D1                   |
| Configuration:                                 |   | Solid<br>Group 1                                   |
| Compressive strength:                          |   | Mean 17.5 N/mm <sup>2</sup> [⊥ bed face]. [Cat II] |
| Dimension Stability:                           | Moisture Movement:  | < 0.55 mm/m  |
| Shear Bond Strength:                           | Fixed value:  | 0.15 N/mm <sup>2</sup>                             |
| Flexural Bond Strength:                        |   | NPD  |
| Reaction to fire:                              |   | Euroclass A1                                       |
| Water Absorption:                              |   | NPD  |
| Water vapour Permeability :                    | Fixed Value:  | 5/15   |
| Direct airborne sound insula                   | tion:   |  |
|  | Gross density:  | 1990 kg/m <sup>3</sup>                             |
|  | Configuration:  | As Above   |
| Thermal conductivity:                          |   | 0.99 W/m.K [λ <sub>10,dry unit</sub> , S1]         |
| Durability against freeze-that                 | w:  | Pass   |
| Dangerous Substances:                          |   | NPD  |

See Also Declaration of Performance DOP / 5057595000125

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type:

Declared Derfermence

### Dense 17.5N 140mm aggregate concrete masonry units

- 2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Dense 17.5N 140mm - Evalast 17.5
- 1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions
- 3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 4

| Essential Performance<br>Characteristics |  | Harmonised<br>Technical<br>Specification |  |
|--|--|--|--|
| Dimensions and                           | 440 x 140 x 215 mm                         |  |  |
| Dimensional Tolerance                    | D1   |  |  |
| Configuration                            | Solid                                      |  |  |
|  | Group 1                                    |  |  |
| Compressive Strength                     | Mean 17.5 N/mm² [⊥ bed face]. [Cat II]     |  |  |
| Dimensional Stability                    |  | EN 771-3: 2011 + A1:2015                 |  |
| Moisture Movement:                       | < 0.55 mm/m                                |  |  |
| Shear Bond Strength                      |  |  |  |
| Fixed value:                             | 0.15 N/mm <sup>2</sup>                     |  |  |
| Flexural Bond Strength: NPD              |  |  |  |
| Reaction to Fire Euroclass A1            |  | Commission Decision<br>2000/605/EC       |  |
| Water Absorption                         | NPD  |  |  |
| Water Vapour Permeability                |  |  |  |
| Fixed Value:                             | 5/15                                       |  |  |
| Direct Airborne Sound                    |  |  |  |
| Insulation                               |  |  |  |
| Gross density: 1990 kg/m <sup>3</sup>    |  | EN 771-3: 2011 + A1:2015                 |  |
| Configuration:                           | As Above                                   |  |  |
| Equivalent Thermal Conductivity          | 0.99 W/m.K [λ <sub>10,dry unit</sub> , S1] |  |  |
| Durability Against Freeze Thaw           | Pass                                       |  |  |
| Dangerous Substances                     | NPD  |  |  |

ints and 2 is in conformity with the declared p 100

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|   | Forterra Building Proc<br>5 Grange Park Court,<br>Northampton, N | ■<br>Jucts Limited<br>Roman Way                                    |
|---|--|--|
|   | BS EN 771-3:2011   | + A1:2015  |
|   | Dense 22.5N 140mm -  | Evalast 22.5   |
|   | 12   |  |
| Dense 2                                 | 2.5N 140mm aggregate   | concrete masonry units   |
| Loadbearing and non-loadbe              | earing building and civil a single leaf, cavity walls            | applications in all forms of walling including and partitions      |
| Dimensions (LxWxH):                     | 440  | (mm) x 140 (mm) x 215 (mm)   |
| Dimensional tolerances:                 | category:  | D1<br>Solid  |
| Configuration:<br>Compressive strength: |  | Group 1<br>Mean 22.5 N/mm² [⊥ bed face]. [Cat II]                  |
| compressive strength.                   |  |  |
| Dimension Stability:                    | Moisture Movement:   | < 0.55 mm/m  |
| Shear Bond Strength:                    | Fixed value:   | 0.15 N/mm <sup>2</sup>   |
| Flexural Bond Strength:                 |  | NPD  |
| Reaction to fire:                       |  | Euroclass A1   |
| Water Absorption:                       |  | NPD  |
| Water vapour Permeability :             | Fixed Value:   | 5/15   |
| Direct airborne sound insula            | tion:  |  |
|   | Gross density:   | 1990 kg/m <sup>3</sup>   |
|   | Configuration:   | As Above   |
| Thermal conductivity:                   |  | $0.99 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit}},S1\right]$ |
| Durability against freeze-that          | w:   | Pass   |
| Dangerous Substances:                   |  | NPD  |
|   |  |  |

See Also Declaration of Performance DOP / 5057595000132

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type:

### Dense 22.5N 140mm aggregate concrete masonry units

- 2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Dense 22.5N 140mm - Evalast 22.5
- 1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions
- 3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 4

| Essential Performance<br>Characteristics |  | Harmonised<br>Technical<br>Specification |  |
|--|--|--|--|
| Dimensions and                           | 440 x 140 x 215 mm                                 |  |  |
| Dimensional Tolerance                    | D1   |  |  |
| Configuration                            | Solid  |  |  |
|  | Group 1  |  |  |
| Compressive Strength                     | Mean 22.5 N/mm <sup>2</sup> [⊥ bed face]. [Cat II] |  |  |
| Dimensional Stability                    |  | EN 771-3: 2011 + A1:2015                 |  |
| Moisture Movement:                       | < 0.55 mm/m  |  |  |
| Shear Bond Strength                      |  |  |  |
| Fixed value:                             | 0.15 N/mm <sup>2</sup>                             |  |  |
| Flexural Bond Strength: NPD              |  |  |  |
| Reaction to Fire                         | Euroclass A1                                       | Commission Decision<br>2000/605/EC       |  |
| Water Absorption                         | NPD  |  |  |
| Water Vapour Permeability                |  |  |  |
| Fixed Value:                             | 5/15   |  |  |
| Direct Airborne Sound                    |  |  |  |
| Insulation                               |  |  |  |
| Gross density:                           | 1990 kg/m <sup>3</sup>                             | EN 771-3: 2011 + A1:2015                 |  |
| Configuration:                           | As Above   |  |  |
| Equivalent Thermal Conductivity          | 0.99 W/m.K [λ <sub>10,dry unit</sub> , S1]         |  |  |
| Durability Against Freeze Thaw           | Pass   |  |  |
| Dangerous Substances                     | NPD  |  |  |

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|  | Forterra Building Prod<br>5 Grange Park Court,<br>Northampton, NM | Lucts Limited<br>Roman Way                               |
|--|---|--|
|  | BS EN 771-3:2011  | + A1:2015  |
|  | Dense 30.0N 140mm   |  |
|  |   |  |
| Dense 3  | 0.0N 140mm aggregate o  | concrete masonry units                                   |
|  |   | applications in all forms of walling including           |
| Dimensions (LxWxH):<br>Dimensional tolerances: | 440<br>category:  | (mm) x 140 (mm) x 215 (mm)<br>D1                         |
| Configuration:<br>Compressive strength:        |   | Solid<br>Group 1<br>Mean 30 N/mm² [⊥ bed face]. [Cat II] |
|  | Moisture Movement:  | < 0.55 mm/m  |
| Dimension Stability:                           |   |  |
| Shear Bond Strength:                           | Fixed value:  | 0.15 N/mm <sup>2</sup>                                   |
| Flexural Bond Strength:                        |   | NPD  |
| Reaction to fire:                              |   | Euroclass A1   |
| Water Absorption:                              |   | NPD  |
| Water vapour Permeability :                    | Fixed Value:  | 5/15   |
| Direct airborne sound insulat                  | tion:   |  |
|  | Gross density:  | 1990 kg/m <sup>3</sup>                                   |
|  | Configuration:  | As Above   |
| Thermal conductivity:                          |   | 0.99 W/m.K [λ <sub>10,dry unit</sub> , S1]               |
| Durability against freeze-thav                 | v:  | Pass   |
| Dangerous Substances:                          |   | NPD  |
|  |   |  |

See Also Declaration of Performance DOP / 5057595000149

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type:

### Dense 30.0N 140mm aggregate concrete masonry units

- 2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Dense 30.0N 140mm - Evalast 30
- 1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions
- 3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 4

| Essential Performance<br>Characteristics |  | Harmonised<br>Technical<br>Specification |  |
|--|--|--|--|
| Dimensions and                           | 440 x 140 x 215 mm                         |  |  |
| Dimensional Tolerance                    | D1   |  |  |
| Configuration                            | Solid                                      |  |  |
|  | Group 1                                    |  |  |
| Compressive Strength                     | Mean 30 N/mm² [⊥ bed face]. [Cat II]       |  |  |
| Dimensional Stability                    |  | EN 771-3: 2011 + A1:2015                 |  |
| Moisture Movement:                       | < 0.55 mm/m                                |  |  |
| Shear Bond Strength                      |  |  |  |
| Fixed value:                             | 0.15 N/mm <sup>2</sup>                     |  |  |
| Flexural Bond Strength: NPD              |  |  |  |
| Reaction to Fire                         | Euroclass A1                               | Commission Decision<br>2000/605/EC       |  |
| Water Absorption                         | NPD  |  |  |
| Water Vapour Permeability                |  |  |  |
| Fixed Value:                             | 5/15                                       |  |  |
| Direct Airborne Sound                    |  |  |  |
| Insulation                               |  |  |  |
| Gross density:                           | 1990 kg/m <sup>3</sup>                     | EN 771-3: 2011 + A1:2015                 |  |
| Configuration:                           | As Above                                   |  |  |
| Equivalent Thermal Conductivity          | 0.99 W/m.K [λ <sub>10,dry unit</sub> , S1] |  |  |
| Durability Against Freeze Thaw           | Pass                                       |  |  |
| Dangerous Substances                     | NPD  |  |  |

nts and 2 is in conformity with the declared p 100

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| Final Book Strength       Final Book Strength         Bis EN 771-3:2011 + A1:2015         Dense Hollow 7.3N 215mm - Evalast 7.3 Hollow         12         Dense Hollow 7.3N 215mm aggregate concrete masonry units         Loadbearing and non-loadbearing building and civil applications in all forms of walling includ single leaf, cavity walls and partitions         Dimensions (LxWxH):       440 (mm) x 215 (mm) x 215 (mm)         Dimensional tolerances:       category:         Dimensional tolerances:       category:         Configuration:       category:         Dimensions Stability:       Moisture Movement:         Value Movement:       <0.55 mm/m         Shear Bond Strength:       Fixed value:         Mean 7.3 N/mm² [= bed face]. [Cat II]         Dimension Stability:       Moisture Movement:         Vater Absorption:       NPD         Reaction to fire:       WPD         Water Absorption:       NPD         Mater Absorption:       Sins density:         Inter airborne sound insulation:       Gross density:         Gross density:       1990 kg/m³         Configuration:       As Above         Direct airborne sound insulation:       Ong 99 Wim.K. [Notogroum, SI]  |                                |  |  |
|---|--------------------------------|--|--|
| Dense Hollow 7.3N 215mm - Evalast 7.3 Hollow         12         Dense Hollow 7.3N 215mm aggregate concrete masonry units         Loadbearing and non-loadbearing building and civil applications in all forms of walling includ single leaf, cavity walls and partitions         Dimensions (LxWxH):       440 (mm) × 215 (mm) × 215 (mm)         Dimensional tolerances:       category:       D1         Hollow       Group 2       Hollow         Configuration:       Group 2       Group 2         Compressive strength:       Mean 7.3 N/mm² [⊥ bed face]. [Cat II]         Dimension Stability:       Moisture Movement:       < 0.55 mm/m         Shear Bond Strength:       Fixed value:       0.15 N/mm²         Flexural Bond Strength:       Fixed value:       0.15 N/mm²         Reaction to fire:       Euroclass A1         Water Absorption:       NPD         Water vapour Permeability:       Fixed Value:       5/15         Direct airborne sound insulation:       Imos density:       1990 kg/m³         Configuration:       As Above       0.99 W/m.K [\http://tit.grupunt, S1]  |                                | Forterra Building Prod<br>5 Grange Park Court, | Limited Roman Way                              |
| Dense Hollow 7.3N 215mm - Evalast 7.3 Hollow         12         Dense Hollow 7.3N 215mm aggregate concrete masonry units         Loadbearing and non-loadbearing building and civil applications in all forms of walling includ single leaf, cavity walls and partitions         Dimensions (LxWxH):       440 (mm) × 215 (mm) × 215 (mm)         Dimensional tolerances:       category:       D1         Hollow       Group 2       Hollow         Configuration:       Group 2       Group 2         Compressive strength:       Mean 7.3 N/mm² [+ bed face]. [Cat II]         Dimension Stability:       Moisture Movement:       < 0.55 mm/m         Shear Bond Strength:       Fixed value:       0.15 N/mm²         Flexural Bond Strength:       Fixed value:       0.15 N/mm²         Water Absorption:       NPD         Water vapour Permeability:       Fixed Value:       5/15         Direct airborne sound insulation:       Gross density:       1990 kg/m³         Configuration:       As Above       0.99 W/m.K [\blockstopt unt, S1]  |                                | BS EN 771-3-2011                               | + 41:2015                                      |
| 12         Dense Hollow 7.3N 215mm aggregate concrete masonry units         Loadbearing and non-loadbearing building and civil applications in all forms of walling includ single leaf, cavity walls and partitions         Dimensions (LxWxH):       440 (mm) × 215 (mm) × 215 (mm)         Dimensional tolerances:       category:       D1         Hollow       Group 2       Hollow         Configuration:       Group 2       Group 2         Compressive strength:       Mean 7.3 N/mm² [± bed face]. [Cat II]         Dimension Stability:       Moisture Movement:       < 0.55 mm/m         Shear Bond Strength:       Fixed value:       0.15 N/mm²         Flexural Bond Strength:       NPD         Reaction to fire:       NPD         Water Absorption:       NPD         Water vapour Permeability:       Fixed Value:       5/15         Direct airborne sound insulation:       Gross density:       1990 kg/m³         Configuration:       As Above         Thermal conductivity:       0.99 W/m.K [[\atopy unit, S1]  | Den                            |  |  |
| Loadbearing and non-loadbearing building and civil applications in all forms of walling includ<br>single leaf, cavity walls and partitions Dimensions (LxWxH): 440 (mm) x 215 (mm) x 215 (mm) Dimensional tolerances: category: D1 Hollow Configuration: Group 2 Compressive strength: Mean 7.3 N/mm² [⊥ bed face]. [Cat II] Dimension Stability: Moisture Movement: < 0.55 mm/m Shear Bond Strength: Fixed value: 0.15 N/mm² Flexural Bond Strength: NPD Reaction to fire: VIPD Water vapour Permeability : Fixed Value: 5/15 Direct airborne sound insulation: Gross density: 1990 kg/m³ Configuration: As Above Thermal conductivity: 0.99 W/m.K [λ10,dry unit, S1] Bare Source Strengt: 0.99 W/m.K [λ10,dry unit, S1] Bare Source Strengt: Strengt | 20.1                           |  |  |
| Loadbearing and non-loadbearing building and civil applications in all forms of walling includ<br>single leaf, cavity walls and partitions Dimensions (LxWxH): 440 (mm) x 215 (mm) x 215 (mm) Dimensional tolerances: category: D1 Hollow Configuration: Group 2 Compressive strength: Mean 7.3 N/mm² [⊥ bed face]. [Cat II] Dimension Stability: Moisture Movement: < 0.55 mm/m Shear Bond Strength: Fixed value: 0.15 N/mm² Flexural Bond Strength: NPD Reaction to fire: VIPD Water vapour Permeability : Fixed Value: 5/15 Direct airborne sound insulation: Gross density: 1990 kg/m³ Configuration: As Above Thermal conductivity: 0.99 W/m.K [λ10,dry unit, S1] Bare Source Strengt: 0.99 W/m.K [λ10,dry unit, S1] Bare Source Strengt: Strengt | Dense Hollo                    | ow 7.3N 215mm aggrega                          | te concrete masonry units                      |
| Dimensional tolerances: category: D1<br>Hollow<br>Configuration: Group 2<br>Compressive strength: Mean 7.3 N/mm² [⊥ bed face]. [Cat II]<br>Dimension Stability: Moisture Movement: < 0.55 mm/m<br>Shear Bond Strength: Fixed value: 0.15 N/mm²<br>Flexural Bond Strength: Fixed value: 0.15 N/mm²<br>Flexural Bond Strength: NPD<br>Reaction to fire: Euroclass A1<br>Water Absorption: NPD<br>Water vapour Permeability : Fixed Value: 5/15<br>Direct airborne sound insulation:<br>Gross density: 1990 kg/m³<br>Configuration: As Above<br>Thermal conductivity: 0.99 W/m.K [λ10,dry unit, S1]<br>Beace   |                                | aring building and civil a                     | applications in all forms of walling including |
| Configuration:       Hollow         Compressive strength:       Mean 7.3 N/mm² [⊥ bed face]. [Cat II]         Dimension Stability:       Moisture Movement:       < 0.55 mm/m         Shear Bond Strength:       Fixed value:       0.15 N/mm²         Flexural Bond Strength:       NPD         Reaction to fire:       Euroclass A1         Water Absorption:       NPD         Water vapour Permeability :       Fixed Value:       5/15         Direct airborne sound insulation:       Insulation:       Insulation:         Gross density:       1990 kg/m³       Configuration:         Thermal conductivity:       0.99 W/m.K [λ10,dry unit, S1]  | Dimensions (LxWxH):            | 440  | (mm) x 215 (mm) x 215 (mm)                     |
| Compressive strength:       Mean 7.3 N/mm² [⊥ bed face]. [Cat II]         Dimension Stability:       Moisture Movement:       < 0.55 mm/m         Shear Bond Strength:       Fixed value:       0.15 N/mm²         Flexural Bond Strength:       NPD         Reaction to fire:       Euroclass A1         Water Absorption:       NPD         Water vapour Permeability:       Fixed Value:       5/15         Direct airborne sound insulation:       Insulation:       Insulation:         Gross density:       1990 kg/m³       Configuration:         Thermal conductivity:       0.99 W/m.K [λ10,dry unit, S1]   |                                | category:                                      | Hollow   |
| Shear Bond Strength:       Fixed value:       0.15 N/mm²         Flexural Bond Strength:       NPD         Reaction to fire:       Euroclass A1         Water Absorption:       NPD         Water vapour Permeability:       Fixed Value:       5/15         Direct airborne sound insulation:       Insulation:       Insulation:         Gross density:       1990 kg/m³       Configuration:         Thermal conductivity:       0.99 W/m.K [A10,dry unit, S1]   | •                              |  | •  |
| Shear Bond Strength:       Fixed value:       0.15 N/mm²         Flexural Bond Strength:       NPD         Reaction to fire:       Euroclass A1         Water Absorption:       NPD         Water vapour Permeability:       Fixed Value:       5/15         Direct airborne sound insulation:       Insulation:       Insulation:         Gross density:       1990 kg/m³       Configuration:         Thermal conductivity:       0.99 W/m.K [A10,dry unit, S1]   | imonoion Stobility             | Majatura Mayamanti                             | - 0 55 mm/m                                    |
| Flexural Bond Strength:     NPD       Reaction to fire:     Euroclass A1       Water Absorption:     NPD       Water vapour Permeability :     Fixed Value:       5/15     5/15       Direct airborne sound insulation:     Gross density:       1990 kg/m³       Configuration:     As Above       Thermal conductivity:     0.99 W/m.K [\h10,dry unit, S1]  | -                              |  |  |
| Flexural Bond Strength:       Euroclass A1         Reaction to fire:       Euroclass A1         Water Absorption:       NPD         Water vapour Permeability :       Fixed Value:       5/15         Direct airborne sound insulation:       Gross density:       1990 kg/m³         Configuration:       As Above         Thermal conductivity:       0.99 W/m.K [\h10,dry unit, S1]  | snear Bond Strength:           | Fixed value:                                   |  |
| Reaction to fire:       December 2010         Water Absorption:       NPD         Water vapour Permeability :       Fixed Value:       5/15         Direct airborne sound insulation:       Gross density:       1990 kg/m³         Configuration:       As Above         Thermal conductivity:       0.99 W/m.K [\lambda_10,dry unit, S1]  | lexural Bond Strength:         |  |  |
| Water vapour Permeability :       Fixed Value:       5/15         Direct airborne sound insulation:       Gross density:       1990 kg/m³         Configuration:       As Above         Thermal conductivity:       0.99 W/m.K [\\10,dry unit, S1]         Bace       Bace  | Reaction to fire:              |  | Euroclass A1                                   |
| Direct airborne sound insulation:<br>Gross density: 1990 kg/m <sup>3</sup><br>Configuration: As Above<br>Thermal conductivity: 0.99 W/m.K [\(\lambda\)10,dry unit, S1]<br>Base  | Nater Absorption:              |  | NPD  |
| Gross density: 1990 kg/m <sup>3</sup><br>Configuration: As Above<br>Thermal conductivity: 0.99 W/m.K [λ <sub>10,dry unit</sub> , S1]  | Vater vapour Permeability :    | Fixed Value:                                   | 5/15   |
| Configuration: As Above Thermal conductivity: 0.99 W/m.K [λ <sub>10,dry unit</sub> , S1] Reco   | Direct airborne sound insulat  | ion:   |  |
| Thermal conductivity:     0.99 W/m.K [λ <sub>10,dry unit</sub> , S1]  |                                | Gross density:                                 | 1990 kg/m <sup>3</sup>                         |
| Base  |                                | Configuration:                                 | As Above                                       |
| Pass  | hermal conductivity:           |  |  |
| Durability against freeze-thaw:   | Durability against freeze-thav | v:   | Pass   |
| Dangerous Substances: NPD   | Dangerous Substances:          |  | NPD  |

See Also Declaration of Performance DOP / 5057595000293

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type:

Declared Derfermence

#### Dense Hollow 7.3N 215mm aggregate concrete masonry units

- 2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Dense Hollow 7.3N 215mm - Evalast 7.3 Hollow
- 1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions
- 3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 4

| Essential Performance<br>Characteristics |  | Harmonised<br>Technical<br>Specification |  |
|--|--|--|--|
| Dimensions and                           | 440 x 215 x 215 mm                         |  |  |
| Dimensional Tolerance                    | D1   |  |  |
| Configuration                            | Hollow                                     |  |  |
|  | Group 2                                    |  |  |
| Compressive Strength                     | Mean 7.3 N/mm² [⊥ bed face]. [Cat II]      |  |  |
| Dimensional Stability                    |  | EN 771-3: 2011 + A1:2015                 |  |
| Moisture Movement:                       | < 0.55 mm/m                                |  |  |
| Shear Bond Strength                      |  |  |  |
| Fixed value:                             | 0.15 N/mm <sup>2</sup>                     |  |  |
| Flexural Bond Strength: NPD              |  |  |  |
| Reaction to Fire Euroclass A1            |  | Commission Decision<br>2000/605/EC       |  |
| Water Absorption                         | NPD  |  |  |
| Water Vapour Permeability                |  |  |  |
| Fixed Value:                             | 5/15                                       |  |  |
| Direct Airborne Sound                    |  |  |  |
| Insulation                               |  |  |  |
| Gross density:                           | 1990 kg/m <sup>3</sup>                     | EN 771-3: 2011 + A1:2015                 |  |
| Configuration:                           | As Above                                   |  |  |
| Equivalent Thermal Conductivity          | 0.99 W/m.K [λ <sub>10,dry unit</sub> , S1] |  |  |
| Durability Against Freeze Thaw           | Pass                                       |  |  |
| Dangerous Substances                     | NPD  |  |  |

of the product identified in points 1 and 2 is in conformity with the declared perform

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|---|--|--|
|   | BS EN 771-3:2011   | + A1:2015  |
| Dense Cour  | rsing Blk 22.5N 140mm -  | Evalast 22.5 Coursing Unit                                       |
|   | 12   |  |
| Dense Coursin   | g Blk 22.5N 140mm aggi   | regate concrete masonry units                                    |
| Loadbearing and non-loadbe                              | earing building and civil<br>single leaf, cavity walls           | applications in all forms of walling including<br>and partitions |
| Dimensions (LxWxH):                                     | 440  | (mm) x 65 (mm) x 140 (mm)  |
| Dimensional tolerances:                                 | category:  | D1<br>Solid  |
| Configuration:  |  | Group 1  |
| Compressive strength:                                   |  | Mean 22.5 N/mm <sup>2</sup> [⊥ bed face]. [Cat II]               |
| Dimension Stability:                                    | Moisture Movement:   | < 0.55 mm/m  |
| Shear Bond Strength:                                    | Fixed value:   | 0.15 N/mm <sup>2</sup>   |
| Flexural Bond Strength:                                 |  | NPD  |
| Reaction to fire:                                       |  | Euroclass A1   |
| Water Absorption:                                       |  | NPD  |
| Water vapour Permeability :                             | Fixed Value:   | 5/15   |
| Direct airborne sound insula                            | tion:  |  |
|   | Gross density:   | 1990 kg/m <sup>3</sup>   |
|   | Configuration:   | As Above   |
|   |  | 0.99 W/m.K [λ <sub>10,dry unit</sub> , S1]                       |
| Thermal conductivity:                                   |  |  |
| Thermal conductivity:<br>Durability against freeze-that | w:   | Pass   |

See Also Declaration of Performance DOP / 5057595000491

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type:

### Dense Coursing Blk 22.5N 140mm aggregate concrete masonry units

- 2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Dense Coursing Blk 22.5N 140mm - Evalast 22.5 Coursing Unit
- 1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions
- 3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 4

| Essential Performance<br>Characteristics |  | Harmonised<br>Technical<br>Specification |  |
|--|--|--|--|
| Dimensions and                           | 440 x 65 x 140 mm                          |  |  |
| Dimensional Tolerance                    | D1   |  |  |
| Configuration                            | Solid                                      |  |  |
| -  | Group 1                                    |  |  |
| Compressive Strength                     | Mean 22.5 N/mm² [⊥ bed face]. [Cat II]     |  |  |
| Dimensional Stability                    |  | EN 771-3: 2011 + A1:2015                 |  |
| Moisture Movement:                       | < 0.55 mm/m                                |  |  |
| Shear Bond Strength                      |  |  |  |
| Fixed value:                             | 0.15 N/mm <sup>2</sup>                     |  |  |
| Flexural Bond Strength: NPD              |  |  |  |
| Reaction to Fire                         | Euroclass A1                               | Commission Decision<br>2000/605/EC       |  |
| Water Absorption                         | NPD  |  |  |
| Water Vapour Permeability                |  |  |  |
| Fixed Value:                             | 5/15                                       |  |  |
| Direct Airborne Sound                    |  |  |  |
| Insulation                               |  |  |  |
| Gross density:                           | 1990 kg/m <sup>3</sup>                     | EN 771-3: 2011 + A1:2015                 |  |
| Configuration:                           | As Above                                   |  |  |
| Equivalent Thermal Conductivity          | 0.99 W/m.K [λ <sub>10,dry unit</sub> , S1] |  |  |
| Durability Against Freeze Thaw           | Pass                                       |  |  |
| Dangerous Substances                     | NPD  |  |  |

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|--------------------------------|--|---|
|                                | BS EN 771-3:2011   | + A1:2015   |
| Der                            | nse Easilift 7.3N 140mm -  | Evalast 7.3 Easilift  |
|                                | 12   |   |
| Dense Eas                      | ilift 7.3N 140mm aggrega   | te concrete masonry units                                     |
| Loadbearing and non-loadbe     | earing building and civil a single leaf, cavity walls            | applications in all forms of walling including and partitions |
| Dimensions (LxWxH):            |  | (mm) x 140 (mm) x 215 (mm)                                    |
| Dimensional tolerances:        | category:  | D1  |
| Configuration:                 |  | Solid<br>Group 1  |
| Compressive strength:          |  | Mean 7.3 N/mm <sup>2</sup> [⊥ bed face]. [Cat II]             |
| Dimension Stability:           | Moisture Movement:   | < 0.55 mm/m   |
| -                              |  | 0.15 N/mm <sup>2</sup>  |
| Shear Bond Strength:           | Fixed value:   |   |
| Flexural Bond Strength:        |  | NPD   |
| Reaction to fire:              |  | Euroclass A1  |
| Water Absorption:              |  | NPD   |
| Water vapour Permeability :    | Fixed Value:   | 5/15  |
| Direct airborne sound insula   | tion:  |   |
|                                | Gross density:   | 1990 kg/m <sup>3</sup>  |
|                                | Configuration:   | As Above  |
| Thermal conductivity:          |  | 0.99 W/m.K [λ <sub>10,dry unit</sub> , S1]                    |
| Durability against freeze-that | w:   | Pass  |
| Dangerous Substances:          |  | NPD   |
|                                |  |   |

See Also Declaration of Performance DOP / 5057595000040

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type:

Declared Derfermence

### Dense Easilift 7.3N 140mm aggregate concrete masonry units

- 2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) Dense Easilift 7.3N 140mm - Evalast 7.3 Easilift
- 1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions
- 3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 4

| Essential<br>Characteristics          | Performance                                | Harmonised<br>Technical<br>Specification |
|---------------------------------------|--|--|
| Dimensions and                        | 290 x 140 x 215 mm                         |  |
| Dimensional Tolerance                 | D1   |  |
| Configuration                         | Solid                                      |  |
| -                                     | Group 1                                    |  |
| Compressive Strength                  | Mean 7.3 N/mm² [⊥ bed face]. [Cat II]      |  |
| Dimensional Stability                 |  | EN 771-3: 2011 + A1:2015                 |
| Moisture Movement:                    | < 0.55 mm/m                                |  |
| Shear Bond Strength                   |  |  |
| Fixed value:                          | 0.15 N/mm <sup>2</sup>                     |  |
| Flexural Bond Strength:               | NPD  |  |
| Reaction to Fire                      | Euroclass A1                               | Commission Decision<br>2000/605/EC       |
| Water Absorption                      | NPD  |  |
| Water Vapour Permeability             |  |  |
| Fixed Value:                          | 5/15                                       |  |
| Direct Airborne Sound                 |  |  |
| Insulation                            |  |  |
| Gross density: 1990 kg/m <sup>3</sup> |  | EN 771-3: 2011 + A1:2015                 |
| Configuration:                        | As Above                                   |  |
| Equivalent Thermal Conductivity       | 0.99 W/m.K [λ <sub>10,dry unit</sub> , S1] |  |
| Durability Against Freeze Thaw        | Pass                                       |  |
| Dangerous Substances                  | NPD  |  |

and 2 is in conformity with the declared per 100us

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|--------------------------------|--|--|
|                                | BS EN 771-3:2011   | + A1:2015  |
| Dense Pa                       | int Grade 10.4N 100mm -  | Evalast 10.4 Paint Grade   |
|                                | 12   |  |
| Dense Paint G                  | irade 10.4N 100mm aggr   | egate concrete masonry units                                       |
| Loadbearing and non-loadbe     | earing building and civil a single leaf, cavity walls            | applications in all forms of walling including<br>and partitions   |
| Dimensions (LxWxH):            | 440  | (mm) x 100 (mm) x 215 (mm)   |
| Dimensional tolerances:        | category:  | D1   |
| Configuration:                 |  | Solid<br>Group 1   |
| Compressive strength:          |  | Mean 10.4 N/mm <sup>2</sup> [⊥ bed face]. [Cat II]                 |
| Dimension Stability:           | Moisture Movement:   | < 0.50 mm/m  |
| Shear Bond Strength:           | Fixed value:   | 0.15 N/mm <sup>2</sup>   |
| Flexural Bond Strength:        |  | NPD  |
| Reaction to fire:              |  | Euroclass A1   |
| Water Absorption:              |  | < 375 g/m2s  |
| Water vapour Permeability :    | Fixed Value:   | 5/15   |
| Direct airborne sound insula   | tion:  |  |
|                                | Gross density:   | 1900 kg/m <sup>3</sup>   |
|                                | Configuration:   | As Above   |
| Thermal conductivity:          |  | $0.90 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit}},S1\right]$ |
| Durability against freeze-that | w:   | Pass   |
| Dangerous Substances:          |  | NPD  |
|                                |  |  |

See Also Declaration of Performance DOP / 5057595000156

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type:

### Dense Paint Grade 10.4N 100mm aggregate concrete masonry units

- 2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Dense Paint Grade 10.4N 100mm - Evalast 10.4 Paint Grade
- 1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions
- 3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 4

| Essential Performance<br>Characteristics |  | Harmonised<br>Technical<br>Specification |  |
|--|--|--|--|
| Dimensions and                           | 440 x 100 x 215 mm                                 |  |  |
| Dimensional Tolerance                    | D1   |  |  |
| Configuration                            | Solid  |  |  |
|  | Group 1  |  |  |
| Compressive Strength                     | Mean 10.4 N/mm <sup>2</sup> [⊥ bed face]. [Cat II] |  |  |
| Dimensional Stability                    |  | EN 771-3: 2011 + A1:2015                 |  |
| Moisture Movement:                       | < 0.50 mm/m  |  |  |
| Shear Bond Strength                      |  |  |  |
| Fixed value:                             | 0.15 N/mm <sup>2</sup>                             |  |  |
| Flexural Bond Strength: NPD              |  |  |  |
| Reaction to Fire                         | Euroclass A1                                       | Commission Decision<br>2000/605/EC       |  |
| Water Absorption                         | NPD  |  |  |
| Water Vapour Permeability                |  |  |  |
| Fixed Value:                             | 5/15   |  |  |
| Direct Airborne Sound                    |  |  |  |
| Insulation                               |  |  |  |
| Gross density:                           | 1900 kg/m <sup>3</sup>                             | EN 771-3: 2011 + A1:2015                 |  |
| Configuration:                           | As Above   |  |  |
| Equivalent Thermal Conductivity          | 0.90 W/m.K [λ <sub>10,dry unit</sub> , S1]         |  |  |
| Durability Against Freeze Thaw           | Pass   |  |  |
| Dangerous Substances                     | NPD  |  |  |

i points and 2 is in conformity with the declared p

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|--------------------------------|--|--|
|                                | BS EN 771-3:2011   | + A1:2015  |
| Dense Pa                       | int Grade 10.4N 140mm -  | Evalast 10.4 Paint Grade   |
|                                | 12   |  |
| Dense Paint G                  | irade 10.4N 140mm aggr   | egate concrete masonry units                                       |
| Loadbearing and non-loadbe     | earing building and civil a single leaf, cavity walls            | applications in all forms of walling including<br>and partitions   |
| Dimensions (LxWxH):            | 440  | (mm) x 140 (mm) x 215 (mm)   |
| Dimensional tolerances:        | category:  | D1   |
| Configuration:                 |  | Solid<br>Group 1   |
| Compressive strength:          |  | Mean 10.4 N/mm <sup>2</sup> [⊥ bed face]. [Cat II]                 |
| Dimension Stability:           | Moisture Movement:   | < 0.50 mm/m  |
| Shear Bond Strength:           | Fixed value:   | 0.15 N/mm <sup>2</sup>   |
| Flexural Bond Strength:        |  | NPD  |
| Reaction to fire:              |  | Euroclass A1   |
| Water Absorption:              |  | < 375 g/m2s  |
| Water vapour Permeability :    | Fixed Value:   | 5/15   |
| Direct airborne sound insula   | tion:  |  |
|                                | Gross density:   | 1900 kg/m <sup>3</sup>   |
|                                | Configuration:   | As Above   |
| Thermal conductivity:          |  | $0.90 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit}},S1\right]$ |
| Durability against freeze-that | w:   | Pass   |
| Dangerous Substances:          |  | NPD  |
|                                |  |  |

See Also Declaration of Performance DOP / 5057595000163

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type:

Declared Derfermence

### Dense Paint Grade 10.4N 140mm aggregate concrete masonry units

- Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).
   Dense Paint Grade 10.4N 140mm - Evalast 10.4 Paint Grade
- 1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions
- 3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 4

| Essential Performance<br>Characteristics |  | Harmonised<br>Technical<br>Specification |  |
|--|--|--|--|
| Dimensions and                           | 440 x 140 x 215 mm                                 |  |  |
| Dimensional Tolerance                    | D1   |  |  |
| Configuration                            | Solid  |  |  |
|  | Group 1  |  |  |
| Compressive Strength                     | Mean 10.4 N/mm <sup>2</sup> [⊥ bed face]. [Cat II] |  |  |
| Dimensional Stability                    |  | EN 771-3: 2011 + A1:2015                 |  |
| Moisture Movement:                       | < 0.50 mm/m  |  |  |
| Shear Bond Strength                      |  |  |  |
| Fixed value:                             | 0.15 N/mm <sup>2</sup>                             |  |  |
| Flexural Bond Strength: NPD              |  |  |  |
| Reaction to Fire                         | Euroclass A1                                       | Commission Decision<br>2000/605/EC       |  |
| Water Absorption                         | NPD  |  |  |
| Water Vapour Permeability                |  |  |  |
| Fixed Value:                             | 5/15   |  |  |
| Direct Airborne Sound                    |  |  |  |
| Insulation                               |  |  |  |
| Gross density: 1900 kg/m <sup>3</sup>    |  | EN 771-3: 2011 + A1:2015                 |  |
| Configuration:                           | As Above   |  |  |
| Equivalent Thermal Conductivity          | 0.90 W/m.K [λ <sub>10,dry unit</sub> , S1]         |  |  |
| Durability Against Freeze Thaw           | Pass   |  |  |
| Dangerous Substances                     | NPD  |  |  |

. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6

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|--------------------------------|--|--|
|                                | BS EN 771-3:2011   | + A1:2015  |
| L/Wt Pa                        | aint Grade 7.3N 100mm -  | Fenlite 7.3 Paint Grade  |
|                                | 12   |  |
| L/Wt Paint G                   | rade 7.3N 100mm aggreg   | gate concrete masonry units  |
| Loadbearing and non-loadbe     | earing building and civil a single leaf, cavity walls            | applications in all forms of walling including and partitions        |
| Dimensions (LxWxH):            | 440  | (mm) x 100 (mm) x 215 (mm)   |
| Dimensional tolerances:        | category:  | D1<br>Solid  |
| Configuration:                 |  | Group 1  |
| Compressive strength:          |  | Mean 7.3 N/mm <sup>2</sup> [+ bed face]. [Cat II]                    |
| Dimension Stability:           | Moisture Movement:   | < 0.80 mm/m  |
| Shear Bond Strength:           | Fixed value:   | 0.15 N/mm <sup>2</sup>   |
| Flexural Bond Strength:        |  | NPD  |
| Reaction to fire:              |  | Euroclass A1   |
| Water Absorption:              |  | < 350 g/m2s  |
| Water vapour Permeability :    | Fixed Value:   | 5/15   |
| Direct airborne sound insula   | tion:  |  |
|                                | Gross density:   | 1450 kg/m <sup>3</sup>   |
|                                | Configuration:   | As Above   |
| Thermal conductivity:          |  | $0.38 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit, }} S1\right]$ |
| Durability against freeze-that | w:   | Not to be Left Exposed   |
| Dangerous Substances:          |  | NPD  |
|                                |  |  |

See Also Declaration of Performance DOP / 5057595000316

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type:

Declared Derfermence

### L/Wt Paint Grade 7.3N 100mm aggregate concrete masonry units

- 2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). L/Wt Paint Grade 7.3N 100mm - Fenlite 7.3 Paint Grade
- 1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions
- 3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 4

| Essential Performance<br>Characteristics |  | Harmonised<br>Technical<br>Specification |  |
|--|--|--|--|
| Dimensions and                           | 440 x 100 x 215 mm                         |  |  |
| Dimensional Tolerance                    | D1   |  |  |
| Configuration                            | Solid                                      |  |  |
|  | Group 1                                    |  |  |
| Compressive Strength                     | Mean 7.3 N/mm² [⊥ bed face]. [Cat II]      |  |  |
| Dimensional Stability                    |  | EN 771-3: 2011 + A1:2015                 |  |
| Moisture Movement:                       | < 0.80 mm/m                                |  |  |
| Shear Bond Strength                      |  |  |  |
| Fixed value:                             | 0.15 N/mm <sup>2</sup>                     |  |  |
| Flexural Bond Strength:                  | NPD  |  |  |
| Reaction to Fire                         | Euroclass A1                               | Commission Decision<br>2000/605/EC       |  |
| Water Absorption                         | NPD  |  |  |
| Water Vapour Permeability                |  |  |  |
| Fixed Value:                             | 5/15                                       |  |  |
| Direct Airborne Sound                    |  |  |  |
| Insulation                               |  |  |  |
| Gross density: 1450 kg/m <sup>3</sup>    |  | EN 771-3: 2011 + A1:2015                 |  |
| Configuration:                           | As Above                                   |  |  |
| Equivalent Thermal Conductivity          | 0.38 W/m.K [λ <sub>10,dry unit</sub> , S1] |  |  |
| Durability Against Freeze Thaw           | Not to be Left Exposed                     |  |  |
| Dangerous Substances                     | NPD  |  |  |

nce of the product identified in points 1 and 2 is in conformity with the declared performar

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|  | Forterra Building Prod<br>5 Grange Park Court,<br>Northampton, NM | Limited Roman Way   |
|--|---|---|
|  | BS EN 771-3:2011  | . 41:2015   |
| I /Wt Pa                                       | int Grade 7.3N 140mm -  |   |
|  | 12  |   |
| L/Wt Paint G                                   | rade 7.3N 140mm aggreg  | pate concrete masonry units                               |
|  |   | applications in all forms of walling including            |
| Dimensions (LxWxH):<br>Dimensional tolerances: | 440 (mm) x 140 (mm) x 215 (mm)<br>category: D1                    |   |
| Configuration:<br>Compressive strength:        |   | Solid<br>Group 1<br>Mean 7.3 N/mm² [⊥ bed face]. [Cat II] |
| Dimension Stability:                           | Moisture Movement:  | < 0.80 mm/m   |
| Shear Bond Strength:                           | Fixed value:  | 0.15 N/mm <sup>2</sup>                                    |
| Flexural Bond Strength:                        |   | NPD   |
| Reaction to fire:                              |   | Euroclass A1  |
| Water Absorption:                              |   | < 350 g/m2s   |
| Water vapour Permeability :                    | Fixed Value:  | 5/15  |
| Direct airborne sound insulat                  | tion:   |   |
|  | Gross density:  | 1450 kg/m <sup>3</sup>                                    |
|  | Configuration:  | As Above  |
| Thermal conductivity:                          |   | 0.38 W/m.K [λ <sub>10,dry unit</sub> , S1]                |
| Durability against freeze-thav                 | N:  | Not to be Left Exposed                                    |
| Dangerous Substances:                          |   | NPD   |
|  |   |   |

See Also Declaration of Performance DOP / 5057595000323

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type:

E

#### L/Wt Paint Grade 7.3N 140mm aggregate concrete masonry units

- 2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). L/Wt Paint Grade 7.3N 140mm - Fenlite 7.3 Paint Grade
- 1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions
- 3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 4

| Essential Performance<br>Characteristics |   | Harmonised<br>Technical<br>Specification |  |
|--|---|--|--|
| Dimensions and                           | 440 x 140 x 215 mm                                |  |  |
| Dimensional Tolerance                    | D1  |  |  |
| Configuration                            | Solid   |  |  |
|  | Group 1   |  |  |
| Compressive Strength                     | Mean 7.3 N/mm <sup>2</sup> [⊥ bed face]. [Cat II] |  |  |
| Dimensional Stability                    |   | EN 771-3: 2011 + A1:2015                 |  |
| Moisture Movement:                       | < 0.80 mm/m                                       |  |  |
| Shear Bond Strength                      |   |  |  |
| Fixed value:                             | 0.15 N/mm <sup>2</sup>                            |  |  |
| Flexural Bond Strength: NPD              |   |  |  |
| Reaction to Fire                         | Euroclass A1                                      | Commission Decision<br>2000/605/EC       |  |
| Water Absorption                         | NPD   |  |  |
| Water Vapour Permeability                |   |  |  |
| Fixed Value:                             | 5/15  |  |  |
| Direct Airborne Sound                    |   |  |  |
| Insulation                               |   |  |  |
| Gross density: 1450 kg/m <sup>3</sup>    |   | EN 771-3: 2011 + A1:2015                 |  |
| Configuration:                           | As Above  |  |  |
| Equivalent Thermal Conductivity          | 0.38 W/m.K [λ <sub>10,dry unit</sub> , S1]        |  |  |
| Durability Against Freeze Thaw           | Not to be Left Exposed                            |  |  |
| Dangerous Substances                     | NPD   |  |  |

of the product identified in points 1 and 2 is in conformity with the declared perform

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|                               | Forterra Building Prod                                | Lucts Limited  |
|-------------------------------|---|--|
|                               | 5 Grange Park Court,<br>Northampton, N                |  |
|                               |   |  |
|                               | BS EN 771-3:2011                                      | + A1:2015  |
| Fen                           | lite 1500kg 7.3N 100mm                                | - Fenlite 1500kg 7.3   |
|                               | 12  |  |
| Fenlite 150                   | 0kg 7.3N 100mm aggrega                                | ate concrete masonry units   |
| Loadbearing and non-loadbe    | earing building and civil a single leaf, cavity walls | applications in all forms of walling including<br>and partitions     |
| Dimensions (LxWxH):           | 440   | (mm) x 100 (mm) x 215 (mm)   |
| Dimensional tolerances:       | category:   | D1<br>Solid  |
| Configuration:                |   | Group 1  |
| Compressive strength:         |   | Mean 7.3 N/mm <sup>2</sup> [⊥ bed face]. [Cat II]                    |
| Dimension Stability:          | Moisture Movement:                                    | < 0.95 mm/m  |
| Shear Bond Strength:          | Fixed value:  | 0.15 N/mm <sup>2</sup>   |
| Flexural Bond Strength:       |   | NPD  |
| Reaction to fire:             |   | Euroclass A1   |
| Water Absorption:             |   | NPD  |
| Water vapour Permeability :   | Fixed Value:  | 5/15   |
| Direct airborne sound insula  | tion:   |  |
|                               | Gross density:  | 1500 kg/m <sup>3</sup>   |
|                               | Configuration:  | As Above   |
| Thermal conductivity:         |   | $0.39 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit, }} S1\right]$ |
| Durability against freeze-tha | w:  | Not to be Left Exposed   |
| Dangerous Substances:         |   | NPD  |

See Also Declaration of Performance DOP / 5057595000187

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type:

### Fenlite 1500kg 7.3N 100mm aggregate concrete masonry units

- 2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) Fenlite 1500kg 7.3N 100mm - Fenlite 1500kg 7.3
- 1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions
- 3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 4

| Essential Performance<br>Characteristics |   | Harmonised<br>Technical<br>Specification |  |
|--|---|--|--|
| Dimensions and                           | 440 x 100 x 215 mm                                |  |  |
| Dimensional Tolerance                    | D1  |  |  |
| Configuration                            | Solid   |  |  |
|  | Group 1   |  |  |
| Compressive Strength                     | Mean 7.3 N/mm <sup>2</sup> [⊥ bed face]. [Cat II] |  |  |
| Dimensional Stability                    |   | EN 771-3: 2011 + A1:2015                 |  |
| Moisture Movement:                       | < 0.95 mm/m                                       |  |  |
| Shear Bond Strength                      |   |  |  |
| Fixed value:                             | 0.15 N/mm <sup>2</sup>                            |  |  |
| Flexural Bond Strength: NPD              |   |  |  |
| Reaction to Fire                         | Euroclass A1                                      | Commission Decision<br>2000/605/EC       |  |
| Water Absorption                         | NPD   |  |  |
| Water Vapour Permeability                |   |  |  |
| Fixed Value:                             | 5/15  |  |  |
| Direct Airborne Sound                    |   |  |  |
| Insulation                               |   |  |  |
| Gross density:                           | 1500 kg/m <sup>3</sup>                            | EN 771-3: 2011 + A1:2015                 |  |
| Configuration: As Above                  |   |  |  |
| Equivalent Thermal Conductivity          | 0.39 W/m.K [λ <sub>10,dry unit</sub> , S1]        |  |  |
| Durability Against Freeze Thaw           | Not to be Left Exposed                            |  |  |
| Dangerous Substances                     | NPD   |  |  |

ints and 2 is in conforr nity with the declared p 100

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|   | Forterra Building Proc<br>5 Grange Park Court,<br>Northampton, NI | ducts Limited<br>Roman Way                                       |
|---|---|--|
|   | BS EN 771-3:2011  | + A1:2015  |
| Fen                                     | lite 1500kg 7.3N 140mm  | - Fenlite 1500kg 7.3   |
|   | 12  |  |
| Fenlite 150                             | 0kg 7.3N 140mm aggrega  | ate concrete masonry units                                       |
| Loadbearing and non-loadbe              | earing building and civil a single leaf, cavity walls             | applications in all forms of walling including<br>and partitions |
| Dimensions (LxWxH):                     | 440   | (mm) x 140 (mm) x 215 (mm)                                       |
| Dimensional tolerances:                 | category:   | D1<br>Solid  |
| Configuration:<br>Compressive strength: |   | Group 1<br>Mean 7.3 N/mm² [⊥ bed face]. [Cat II]                 |
|   |   |  |
| Dimension Stability:                    | Moisture Movement:  | < 0.95 mm/m  |
| Shear Bond Strength:                    | Fixed value:  | 0.15 N/mm <sup>2</sup>   |
| Flexural Bond Strength:                 |   | NPD  |
| Reaction to fire:                       |   | Euroclass A1   |
| Water Absorption:                       |   | NPD  |
| Water vapour Permeability :             | Fixed Value:  | 5/15   |
| Direct airborne sound insula            | tion:   |  |
|   | Gross density:  | 1500 kg/m <sup>3</sup>   |
|   | Configuration:  | As Above   |
| Thermal conductivity:                   |   | 0.39 W/m.K [λ <sub>10,dry unit</sub> , S1]                       |
| Durability against freeze-tha           | w:  | Not to be Left Exposed   |
| Dangerous Substances:                   |   | NPD  |
|   |   |  |

See Also Declaration of Performance DOP / 5057595000200

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type:

Declared Derfermence

### Fenlite 1500kg 7.3N 140mm aggregate concrete masonry units

- Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).
   Fenlite 1500kg 7.3N 140mm - Fenlite 1500kg 7.3
- 1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions
- 3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 4

| Essential Performance<br>Characteristics |  | Harmonised<br>Technical<br>Specification |  |
|--|--|--|--|
| Dimensions and                           | 440 x 140 x 215 mm                         |  |  |
| Dimensional Tolerance                    | D1   |  |  |
| Configuration                            | Solid                                      |  |  |
|  | Group 1                                    |  |  |
| Compressive Strength                     | Mean 7.3 N/mm² [⊥ bed face]. [Cat II]      |  |  |
| Dimensional Stability                    |  | EN 771-3: 2011 + A1:2015                 |  |
| Moisture Movement:                       | < 0.95 mm/m                                |  |  |
| Shear Bond Strength                      |  |  |  |
| Fixed value:                             | 0.15 N/mm <sup>2</sup>                     |  |  |
| Flexural Bond Strength:                  | NPD  |  |  |
| Reaction to Fire                         | Euroclass A1                               | Commission Decision<br>2000/605/EC       |  |
| Water Absorption                         | NPD  |  |  |
| Water Vapour Permeability                |  |  |  |
| Fixed Value:                             | 5/15                                       |  |  |
| Direct Airborne Sound                    |  |  |  |
| Insulation                               |  |  |  |
| Gross density:                           | 1500 kg/m <sup>3</sup>                     | EN 771-3: 2011 + A1:2015                 |  |
| Configuration:                           | As Above                                   |  |  |
| Equivalent Thermal Conductivity          | 0.39 W/m.K [λ <sub>10,dry unit</sub> , S1] |  |  |
| Durability Against Freeze Thaw           | Not to be Left Exposed                     |  |  |
| Dangerous Substances                     | NPD  |  |  |

. I he performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

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|                                | Forterra Building Prod<br>5 Grange Park Court,<br>Northampton, NN | Limited Roman Way                                 |
|--------------------------------|---|---|
|                                | BS EN 771-3:2011  | + 41-2015   |
|                                | Fenlite 3.6N 100mm - Fer  |   |
|                                | 12  |   |
| Fenlite :                      | 3.6N 100mm aggregate c  | concrete masonry units                            |
|                                |   | applications in all forms of walling including    |
|                                | single leaf, cavity walls   |   |
| Dimensions (LxWxH):            | 440   | (mm) x 100 (mm) x 215 (mm)                        |
| Dimensional tolerances:        | category:   | D1  |
| Configuration:                 |   | Solid<br>Group 1                                  |
| Compressive strength:          |   | Mean 3.6 N/mm <sup>2</sup> [⊥ bed face]. [Cat II] |
| Dimension Stability:           | Moisture Movement:  | < 0.95 mm/m                                       |
| Shear Bond Strength:           | Fixed value:  | 0.15 N/mm <sup>2</sup>                            |
| Flexural Bond Strength:        |   | NPD   |
| Reaction to fire:              |   | Euroclass A1                                      |
| Water Absorption:              |   | NPD   |
| Water vapour Permeability :    | Fixed Value:  | 5/15  |
| Direct airborne sound insulat  | tion:   |   |
|                                | Gross density:  | 1350 kg/m <sup>3</sup>                            |
|                                | Configuration:  | As Above  |
| Thermal conductivity:          |   | 0.36 W/m.K [λ <sub>10,dry unit,</sub> S1]         |
| Durability against freeze-thav | <b>w</b> :  | Not to be Left Exposed                            |
| Dangerous Substances:          |   | NPD   |
|                                |   |   |

See Also Declaration of Performance DOP / 5057595000224

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type:

Declared Derfermence

#### Fenlite 3.6N 100mm aggregate concrete masonry units

- 2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Fenlite 3.6N 100mm - Fenlite 1350kg 3.6
- 1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions
- 3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 4

| Essential Performance<br>Characteristics |  | Harmonised<br>Technical<br>Specification |  |
|--|--|--|--|
| Dimensions and                           | 440 x 100 x 215 mm                         |  |  |
| Dimensional Tolerance                    | D1   |  |  |
| Configuration                            | Solid                                      |  |  |
|  | Group 1                                    |  |  |
| Compressive Strength                     | Mean 3.6 N/mm² [⊥ bed face]. [Cat II]      |  |  |
| Dimensional Stability                    |  | EN 771-3: 2011 + A1:2015                 |  |
| Moisture Movement:                       | < 0.95 mm/m                                |  |  |
| Shear Bond Strength                      |  |  |  |
| Fixed value:                             | 0.15 N/mm <sup>2</sup>                     |  |  |
| Flexural Bond Strength: NPD              |  |  |  |
| Reaction to Fire Euroclass A1            |  | Commission Decision<br>2000/605/EC       |  |
| Water Absorption                         | NPD  |  |  |
| Water Vapour Permeability                |  |  |  |
| Fixed Value:                             | 5/15                                       |  |  |
| Direct Airborne Sound                    |  |  |  |
| Insulation                               |  |  |  |
| Gross density:                           | 1350 kg/m <sup>3</sup>                     | EN 771-3: 2011 + A1:2015                 |  |
| Configuration:                           | As Above                                   |  |  |
| Equivalent Thermal Conductivity          | 0.36 W/m.K [λ <sub>10,dry unit</sub> , S1] |  |  |
| Durability Against Freeze Thaw           | Not to be Left Exposed                     |  |  |
| Dangerous Substances                     | NPD  |  |  |

nce of the product identified in points 1 and 2 is in conformity with the declared performar

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|                                | Forterra Building Proc<br>5 Grange Park Court,<br>Northampton, Ni | Lucts Limited<br>Roman Way                                       |
|--------------------------------|---|--|
|                                |   |  |
|                                | BS EN 771-3:2011  | + A1:2015  |
|                                | Fenlite 7.3N 100mm - Fe   | nlite 1350kg 7.3   |
|                                | 12  |  |
| Fenlite                        | 7.3N 100mm aggregate c  | concrete masonry units   |
| Loadbearing and non-loadbe     | earing building and civil a single leaf, cavity walls             | applications in all forms of walling including<br>and partitions |
| Dimensions (LxWxH):            | 440   | (mm) x 100 (mm) x 215 (mm)                                       |
| Dimensional tolerances:        | category:   | D1<br>Solid  |
| Configuration:                 |   | Group 1  |
| Compressive strength:          |   | Mean 7.3 N/mm <sup>2</sup> [⊥ bed face]. [Cat II]                |
| Dimension Stability:           | Moisture Movement:  | < 0.95 mm/m  |
| Shear Bond Strength:           | Fixed value:  | 0.15 N/mm <sup>2</sup>   |
| Flexural Bond Strength:        |   | NPD  |
| Reaction to fire:              |   | Euroclass A1   |
| Water Absorption:              |   | NPD  |
| Water vapour Permeability :    | Fixed Value:  | 5/15   |
| Direct airborne sound insula   | tion:   |  |
|                                | Gross density:  | 1350 kg/m <sup>3</sup>   |
|                                | Configuration:  | As Above   |
| Thermal conductivity:          |   | $0.36 \text{ W/m.K} [\lambda_{10,dry \text{ unit}}, S1]$         |
| Durability against freeze-that | w:  | Not to be Left Exposed   |
| Dangerous Substances:          |   | NPD  |
|                                |   |  |

See Also Declaration of Performance DOP / 5057595000231

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type:

Declared Derfermence

### Fenlite 7.3N 100mm aggregate concrete masonry units

- 2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Fenlite 7.3N 100mm - Fenlite 1350kg 7.3
- 1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions
- 3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 4

| Essential Performance<br>Characteristics |   | Harmonised<br>Technical<br>Specification |  |
|--|---|--|--|
| Dimensions and                           | 440 x 100 x 215 mm                                |  |  |
| Dimensional Tolerance                    | D1  |  |  |
| Configuration                            | Solid   |  |  |
|  | Group 1   |  |  |
| Compressive Strength                     | Mean 7.3 N/mm <sup>2</sup> [⊥ bed face]. [Cat II] |  |  |
| Dimensional Stability                    |   | EN 771-3: 2011 + A1:2015                 |  |
| Moisture Movement:                       | < 0.95 mm/m                                       |  |  |
| Shear Bond Strength                      |   |  |  |
| Fixed value:                             | 0.15 N/mm <sup>2</sup>                            |  |  |
| Flexural Bond Strength: NPD              |   |  |  |
| Reaction to Fire                         | Euroclass A1                                      | Commission Decision<br>2000/605/EC       |  |
| Water Absorption                         | NPD   |  |  |
| Water Vapour Permeability                |   |  |  |
| Fixed Value:                             | 5/15  |  |  |
| Direct Airborne Sound                    |   |  |  |
| Insulation                               |   |  |  |
| Gross density:                           | 1350 kg/m <sup>3</sup>                            | EN 771-3: 2011 + A1:2015                 |  |
| Configuration:                           | As Above  |  |  |
| Equivalent Thermal Conductivity          | 0.36 W/m.K [λ <sub>10,dry unit</sub> , S1]        |  |  |
| Durability Against Freeze Thaw           | Not to be Left Exposed                            |  |  |
| Dangerous Substances                     | NPD   |  |  |

nce of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

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| Forterra Building Products Lin<br>5 Grange Park Court, Roman<br>Northampton, NN4 5EA<br>BS EN 771-3:2011 + A1:20 | Way   |
|--|---|
| BS EN 771-3:2011 + A1:20   |   |
|  | 015   |
| Fenlite 10.4N 100mm - Fenlite 13   | 350kg 10.4                                    |
| 12   | -   |
| Fenlite 10.4N 100mm aggregate concre   | te masonry units                              |
| Loadbearing and non-loadbearing building and civil applica<br>single leaf, cavity walls and pa                   |   |
| Dimensions (LxWxH): 440 (mm) >   | ( 100 (mm) x 215 (mm)                         |
| Dimensional tolerances: Category: D1   |   |
| Configuration: Solid Group   | o 1   |
|  | 10.4 N/mm <sup>2</sup> [⊥ bed face]. [Cat II] |
| Dimension Stability: Moisture Movement: < 0.9  | 5 mm/m  |
| Shear Bond Strength: Fixed value: 0.15   | N/mm <sup>2</sup>                             |
| Flexural Bond Strength: NPD  |   |
| Reaction to fire: Euroc  | class A1                                      |
| Water Absorption: NPD  |   |
| Water vapour Permeability : Fixed Value: 5/15  |   |
| Direct airborne sound insulation:  |   |
| Gross density: 1350  | kg/m <sup>3</sup>                             |
| Configuration: As At   | pove  |
| Thermal conductivity: 0.36   | W/m.K [λ <sub>10,dry unit</sub> , S1]         |
| Durability against freeze-thaw: Not to   | be Left Exposed                               |
| Dangerous Substances: NPD  |   |

See Also Declaration of Performance DOP / 5057595000255

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type:

#### Fenlite 10.4N 100mm aggregate concrete masonry units

- 2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Fenlite 10.4N 100mm - Fenlite 1350kg 10.4
- 1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions
- 3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 4

| Essential Performance<br>Characteristics |  | Harmonised<br>Technical<br>Specification |  |
|--|--|--|--|
| Dimensions and                           | 440 x 100 x 215 mm                                 |  |  |
| Dimensional Tolerance                    | D1   |  |  |
| Configuration                            | Solid  |  |  |
|  | Group 1  |  |  |
| Compressive Strength                     | Mean 10.4 N/mm <sup>2</sup> [⊥ bed face]. [Cat II] |  |  |
| Dimensional Stability                    |  | EN 771-3: 2011 + A1:2015                 |  |
| Moisture Movement:                       | < 0.95 mm/m  |  |  |
| Shear Bond Strength                      |  |  |  |
| Fixed value:                             | 0.15 N/mm <sup>2</sup>                             |  |  |
| Flexural Bond Strength: NPD              |  |  |  |
| Reaction to Fire                         | Euroclass A1                                       | Commission Decision<br>2000/605/EC       |  |
| Water Absorption                         | NPD  |  |  |
| Water Vapour Permeability                |  |  |  |
| Fixed Value:                             | 5/15   |  |  |
| Direct Airborne Sound                    |  |  |  |
| Insulation                               |  |  |  |
| Gross density: 1350 kg/m <sup>3</sup>    |  | EN 771-3: 2011 + A1:2015                 |  |
| Configuration:                           | As Above   |  |  |
| Equivalent Thermal Conductivity          | 0.36 W/m.K [λ <sub>10,dry unit</sub> , S1]         |  |  |
| Durability Against Freeze Thaw           | Not to be Left Exposed                             |  |  |
| Dangerous Substances                     | NPD  |  |  |

is in conformity with the declared pe 100us and

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|--------------------------------|--|--|
|                                |  |  |
|                                | BS EN 771-3:2011   | + A1:2015  |
|                                | Fenlite 7.3N 140mm - Fe  | nlite 1350kg 7.3   |
|                                | 12   |  |
| Fenlite                        | 7.3N 140mm aggregate o   | concrete masonry units   |
| Loadbearing and non-loadbe     | aring building and civil a single leaf, cavity walls             | applications in all forms of walling including and partitions      |
| Dimensions (LxWxH):            | 440  | (mm) x 140 (mm) x 215 (mm)   |
| Dimensional tolerances:        | category:  | D1   |
| Configuration:                 |  | Solid<br>Group 1   |
| Compressive strength:          |  | Mean 7.3 N/mm <sup>2</sup> [+ bed face]. [Cat II]                  |
| Dimension Stability:           | Moisture Movement:   | < 0.95 mm/m  |
| Shear Bond Strength:           | Fixed value:   | 0.15 N/mm <sup>2</sup>   |
| Flexural Bond Strength:        |  | NPD  |
| Reaction to fire:              |  | Euroclass A1   |
| Water Absorption:              |  | NPD  |
| Water vapour Permeability :    | Fixed Value:   | 5/15   |
| Direct airborne sound insulat  | tion:  |  |
|                                | Gross density:   | 1350 kg/m <sup>3</sup>   |
|                                | Configuration:   | As Above   |
| Thermal conductivity:          |  | $0.36 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit}},S1\right]$ |
| Durability against freeze-thav | w:   | Not to be Left Exposed   |
| Dangerous Substances:          |  | NPD  |
|                                |  |  |

See Also Declaration of Performance DOP / 5057595000262

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type:

Declared Derfermence

#### Fenlite 7.3N 140mm aggregate concrete masonry units

- 2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Fenlite 7.3N 140mm - Fenlite 1350kg 7.3
- 1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions
- 3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 4

| Essential Performance<br>Characteristics |  | Harmonised<br>Technical<br>Specification |
|--|--|--|
| Dimensions and                           | 440 x 140 x 215 mm                         |  |
| Dimensional Tolerance                    | D1   |  |
| Configuration                            | Solid                                      |  |
|  | Group 1                                    |  |
| Compressive Strength                     | Mean 7.3 N/mm² [⊥ bed face]. [Cat II]      |  |
| Dimensional Stability                    |  | EN 771-3: 2011 + A1:2015                 |
| Moisture Movement:                       | < 0.95 mm/m                                |  |
| Shear Bond Strength                      |  |  |
| Fixed value:                             | 0.15 N/mm <sup>2</sup>                     |  |
| Flexural Bond Strength: NPD              |  |  |
| Reaction to Fire Euroclass A1            |  | Commission Decision<br>2000/605/EC       |
| Water Absorption                         | NPD  |  |
| Water Vapour Permeability                |  |  |
| Fixed Value:                             | 5/15                                       |  |
| Direct Airborne Sound                    |  |  |
| Insulation                               |  |  |
| Gross density:                           | 1350 kg/m <sup>3</sup>                     | EN 771-3: 2011 + A1:2015                 |
| Configuration:                           | As Above                                   |  |
| Equivalent Thermal Conductivity          | 0.36 W/m.K [λ <sub>10,dry unit</sub> , S1] |  |
| Durability Against Freeze Thaw           | Not to be Left Exposed                     |  |
| Dangerous Substances                     | NPD  |  |

nce of the product identified in points 1 and 2 is in conformity with the declared performar

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|---|---|---|
|   | BS EN 771-3:2011  | + A1:2015   |
|   | Fenlite 10.4N 140mm - Fe  | nlite 1350kg 10.4   |
|   | 12  |   |
| Fenlite                                 | 10.4N 140mm aggregate   | concrete masonry units  |
| Loadbearing and non-loadb               | earing building and civil a single leaf, cavity walls             | applications in all forms of walling including and partitions         |
| Dimensions (LxWxH):                     | 440   | (mm) x 140 (mm) x 215 (mm)  |
| Dimensional tolerances:                 | category:   | D1<br>Solid   |
| Configuration:<br>Compressive strength: |   | Group 1<br>Mean 10.4 N/mm² [⊥ bed face]. [Cat II]                     |
|   |   |   |
| Dimension Stability:                    | Moisture Movement:  | < 0.95 mm/m   |
| Shear Bond Strength:                    | Fixed value:  | 0.15 N/mm <sup>2</sup>  |
| Flexural Bond Strength:                 |   | NPD   |
| Reaction to fire:                       |   | Euroclass A1  |
| Water Absorption:                       |   | NPD   |
| Water vapour Permeability               | Fixed Value:  | 5/15  |
| Direct airborne sound insul             | ation:  |   |
|   | Gross density:  | 1350 kg/m <sup>3</sup>  |
|   | Configuration:  | As Above  |
| Thermal conductivity:                   |   | $0.36 \text{ W/m.K} \left[\lambda_{10, dry \text{ unit, }} S1\right]$ |
| Durability against freeze-the           | aw:   | Not to be Left Exposed  |
| Dangerous Substances:                   |   | NPD   |

See Also Declaration of Performance DOP / 5057595000279

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type:

### Fenlite 10.4N 140mm aggregate concrete masonry units

- 2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Fenlite 10.4N 140mm - Fenlite 1350kg 10.4
- 1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions
- 3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 4

| Essential Performance<br>Characteristics |  | Harmonised<br>Technical<br>Specification |  |
|--|--|--|--|
| Dimensions and                           | 440 x 140 x 215 mm                                 |  |  |
| Dimensional Tolerance                    | D1   |  |  |
| Configuration                            | Solid  |  |  |
|  | Group 1  |  |  |
| Compressive Strength                     | Mean 10.4 N/mm <sup>2</sup> [⊥ bed face]. [Cat II] |  |  |
| Dimensional Stability                    |  | EN 771-3: 2011 + A1:2015                 |  |
| Moisture Movement:                       | < 0.95 mm/m  |  |  |
| Shear Bond Strength                      |  |  |  |
| Fixed value:                             | 0.15 N/mm <sup>2</sup>                             |  |  |
| Flexural Bond Strength: NPD              |  |  |  |
| Reaction to Fire                         | Euroclass A1                                       | Commission Decision<br>2000/605/EC       |  |
| Water Absorption                         | NPD  |  |  |
| Water Vapour Permeability                |  |  |  |
| Fixed Value:                             | 5/15   |  |  |
| Direct Airborne Sound                    |  |  |  |
| Insulation                               |  |  |  |
| Gross density:                           | 1350 kg/m <sup>3</sup>                             | EN 771-3: 2011 + A1:2015                 |  |
| Configuration:                           | As Above   |  |  |
| Equivalent Thermal Conductivity          | 0.36 W/m.K [λ <sub>10,dry unit</sub> , S1]         |  |  |
| Durability Against Freeze Thaw           | Not to be Left Exposed                             |  |  |
| Dangerous Substances                     | NPD  |  |  |

n points 1 and 2 is in conformity with the declared p

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|   | Forterra Building Proc<br>5 Grange Park Court,<br>Northampton, N | lucts Limited<br>Roman Way                                    |
|---|--|---|
|   | BS EN 771-3:2011   | + A1:2015   |
| Fen Cours                               | sing Blk 10.4N 140mm - I   | Fenlite 10.4 Coursing Unit                                    |
|   | 12   |   |
| Fen Coursing                            | Blk 10.4N 140mm aggre  | gate concrete masonry units                                   |
| Loadbearing and non-loadbe              | earing building and civil a single leaf, cavity walls            | applications in all forms of walling including and partitions |
| Dimensions (LxWxH):                     | 440 (mm) x 65 (mm) x 140 (mm)                                    |   |
| Dimensional tolerances:                 | category:  | D1<br>Solid   |
| Configuration:<br>Compressive strength: |  | Group 1<br>Mean 10.4 N/mm <sup>2</sup> [⊥ bed face]. [Cat II] |
|   |  |   |
| Dimension Stability:                    | Moisture Movement:   | < 0.95 mm/m   |
| Shear Bond Strength:                    | Fixed value:   | 0.15 N/mm <sup>2</sup>  |
| Flexural Bond Strength:                 |  | NPD   |
| Reaction to fire:                       |  | Euroclass A1  |
| Water Absorption:                       |  | NPD   |
| Water vapour Permeability :             | Fixed Value:   | 5/15  |
| Direct airborne sound insula            | tion:  |   |
|   | Gross density:   | 1350 kg/m <sup>3</sup>  |
|   | Configuration:   | As Above  |
| Thermal conductivity:                   |  | 0.36 W/m.K [λ <sub>10,dry unit</sub> , S1]                    |
| Durability against freeze-that          | w:   | Not to be Left Exposed  |
| Dangerous Substances:                   |  | NPD   |
|   |  |   |

See Also Declaration of Performance DOP / 5057595000514

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type:

### Fen Coursing Blk 10.4N 140mm aggregate concrete masonry units

- Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4).
   Fen Coursing Blk 10.4N 140mm - Fenlite 10.4 Coursing Unit
- 1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions
- Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 4

| Declared Performance           Essential         Performance           Characteristics |  | Harmonised<br>Technical<br>Specification |  |
|--|--|--|--|
| Dimensions and 440 x 65 x 140 mm   |  |  |  |
| Dimensional Tolerance  | D1   |  |  |
| Configuration  | Solid                                      |  |  |
| -  | Group 1                                    |  |  |
| Compressive Strength Mean 10.4 N/mm <sup>2</sup> [⊥ bed face]. [Cat II]                |  |  |  |
| Dimensional Stability  |  | EN 771-3: 2011 + A1:2015                 |  |
| Moisture Movement: < 0.95 mm/m   |  |  |  |
| Shear Bond Strength  |  |  |  |
| Fixed value: 0.15 N/mm <sup>2</sup>  |  |  |  |
| Flexural Bond Strength:  | NPD  |  |  |
| Reaction to Fire   | Euroclass A1                               | Commission Decision<br>2000/605/EC       |  |
| Water Absorption   | NPD  |  |  |
| Water Vapour Permeability  |  |  |  |
| Fixed Value: 5/15  |  |  |  |
| Direct Airborne Sound  |  |  |  |
| Insulation   |  |  |  |
| Gross density:   | 1350 kg/m <sup>3</sup>                     | EN 771-3: 2011 + A1:2015                 |  |
| Configuration:   | As Above                                   |  |  |
| Equivalent Thermal Conductivity  | 0.36 W/m.K [λ <sub>10,dry unit</sub> , S1] |  |  |
| Durability Against Freeze Thaw   | Not to be Left Exposed                     |  |  |
| Dangerous Substances NPD   |  |  |  |

5. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

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|--|---|--|--|--|--|--|
|  |   |  |  |  |  |  |
|  | BS EN 771-3:2011  | + A1:2015  |  |  |  |  |
|  | Fenlite 7.3N 075mm - Fe   | nlite 1350kg 7.3   |  |  |  |  |
| 12   |   |  |  |  |  |  |
| Fenlite 7.3N 075mm aggregate concrete masonry units  |   |  |  |  |  |  |
| Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions |   |  |  |  |  |  |
| Dimensions (LxWxH):  | 440 (mm) x 75 (mm) x 215 (mm)                                     |  |  |  |  |  |
| Dimensional tolerances:  | category:   | D1   |  |  |  |  |
| Configuration:   |   | Solid<br>Group 1   |  |  |  |  |
| Compressive strength:  |   | Mean 7.3 N/mm <sup>2</sup> [⊥ bed face]. [Cat II]                  |  |  |  |  |
| Dimension Stability:   | Moisture Movement:  | < 0.95 mm/m  |  |  |  |  |
| Shear Bond Strength:   | Fixed value:  | 0.15 N/mm <sup>2</sup>   |  |  |  |  |
| Flexural Bond Strength:  |   | NPD  |  |  |  |  |
| Reaction to fire:  |   | Euroclass A1   |  |  |  |  |
| Water Absorption:  |   | NPD  |  |  |  |  |
| Water vapour Permeability :  | Fixed Value:  | 5/15   |  |  |  |  |
| Direct airborne sound insulat  | tion:   |  |  |  |  |  |
|  | Gross density:  | 1350 kg/m <sup>3</sup>   |  |  |  |  |
|  | Configuration:  | As Above   |  |  |  |  |
| Thermal conductivity:  |   | $0.36 \text{ W/m.K} \left[\lambda_{10,dry \text{ unit}},S1\right]$ |  |  |  |  |
| Durability against freeze-thav   | <i>w</i> :  | Not to be Left Exposed   |  |  |  |  |
| Dangerous Substances:  |   | NPD  |  |  |  |  |
|  |   |  |  |  |  |  |

See Also Declaration of Performance DOP / 5057595037886

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacturer's instructions and general purpose or lightweight mortars.

1. Unique identification code of the product type:

Declared Derfermence

#### Fenlite 7.3N 075mm aggregate concrete masonry units

- 2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4). Fenlite 7.3N 075mm - Fenlite 1350kg 7.3
- 1. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Loadbearing and non-loadbearing building and civil applications in all forms of walling including single leaf, cavity walls and partitions
- 3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Forterra Building Products Limited 5 Grange Park Court, Roman Way, Northampton, NN4 5EA

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 4

| ssential Performance<br>haracteristics                                 |  | Harmonised<br>Technical<br>Specification |  |
|--|--|--|--|
| Dimensions and   | 440 x 75 x 215 mm                          |  |  |
| Dimensional Tolerance  | D1   |  |  |
| Configuration  | Solid                                      |  |  |
|  | Group 1                                    |  |  |
| Compressive Strength Mean 7.3 N/mm <sup>2</sup> [⊥ bed face]. [Cat II] |  |  |  |
| Dimensional Stability  |  | EN 771-3: 2011 + A1:2015                 |  |
| Moisture Movement: < 0.95 mm/m   |  |  |  |
| Shear Bond Strength  |  |  |  |
| Fixed value: 0.15 N/mm <sup>2</sup>                                    |  |  |  |
| Flexural Bond Strength:  | NPD  |  |  |
| Reaction to Fire   | Euroclass A1                               | Commission Decision<br>2000/605/EC       |  |
| Water Absorption   | NPD  |  |  |
| Water Vapour Permeability  |  |  |  |
| Fixed Value: 5/15  |  |  |  |
| Direct Airborne Sound  |  |  |  |
| Insulation   |  |  |  |
| Gross density:   | 1350 kg/m <sup>3</sup>                     | EN 771-3: 2011 + A1:2015                 |  |
| Configuration:   | As Above                                   |  |  |
| Equivalent Thermal Conductivity  | 0.36 W/m.K [λ <sub>10,dry unit</sub> , S1] |  |  |
| Durability Against Freeze Thaw   | Not to be Left Exposed                     |  |  |
| Dangerous Substances NPD   |  |  |  |

6. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

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