

**Declaration of Performance**

Certificate Number: DOP/BP-Blocks/TS100W



The undersigned, representing the following:

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

Confirms that:

**BS EN 771-4:2011**  
TS100W Spacer Block used in the walls

**21**

**Product Name: TS100W Blocks**

Conforms to harmonised European Standard: BS EN 771-4:2011

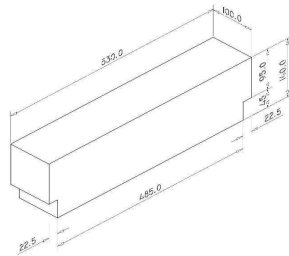
Category II: 530 x 100 x 140 mm Autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: BS EN 771-4:2011

**Dimensions :** 530(mm) x 100(mm) x 140(mm)

**Dimensional Tolerances :**

<b>Category:</b>	GPLM
<b>Flatness:</b>	NPD
<b>Parallelism:</b>	NPD
<b>Configuration:</b>	Solid
<b>Compressive Strength:</b>	Mean 7.30 N/mm <sup>2</sup> [⊥-bed face]
<b>Dimensional Stability:</b>	Moisture movement: mean 0.40 mm/m
<b>Shear bond Strength:</b>	Fixed Value 0.15 N/mm <sup>2</sup>
<b>Flexural bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient:</b>	Fixed Value 5/15
<b>Direct airborne sound insulation:</b>	
<b>Gross density:</b>	730kg/m <sup>3</sup>
<b>Configuration:</b>	As Above
<b>Thermal Conductivity:</b>	0.16 W/m.K[λ10,dry ]
<b>Dangerous Substances:</b>	See Note



Note information on Dangerous Substances will only be given when and where required in the appropriate form.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacture's instructions.

Signed on behalf of the manufacture:

Full name: Dr John Cotton

Position: Engineering Manager

Date: 22 February 2021

Version: 4



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

**21**

**BS EN 771-4:2011**  
TSN Spacer Block used in the walls

**Product Name: TS100W Blocks**

Category II: 530 x 100 x 140 mm Autoclaved aerated concrete masonry units

**Dimensions :** 530(mm) x 100(mm) x 140(mm)

**Dimensional Tolerances :**

<b>Category:</b>	GPLM
<b>Flatness:</b>	NPD
<b>Parallelism:</b>	NPD
<b>Configuration:</b>	Solid

**Compressive Strength:** Mean 7.30 N/mm<sup>2</sup> [⊥-bed face]

**Dimensional Stability:** Moisture movement: mean 0.40 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 diffusion coefficient:** Fixed Value 5/15

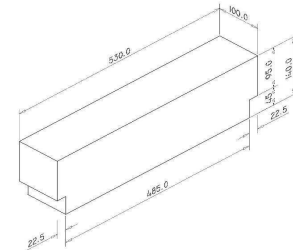
**Direct airborne sound insulation:**

**Gross density:** 730kg/m<sup>3</sup>

**Configuration:** As Above

**Thermal Conductivity:** 0.16 W/m.K[λ10,dry ]

**Dangerous Substances:** See Note



Note information on Dangerous Substances will only be given when and where required in the appropriate form.

Version: 4

## Declaration of Performance

Certificate Number: DOP/BP-Blocks/TS140W



The undersigned, representing the following:

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

Confirms that:

**BS EN 771-4:2011**  
TS140W Spacer Block used in the walls

**21**

**Product Name: TS140W Blocks**

Conforms to harmonised European Standard: BS EN 771-4:2011

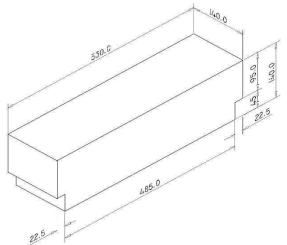
Category II: 530 x 140 x 140 mm Autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: BS EN 771-4:2011

**Dimensions :** 530(mm) x 140(mm) x 140(mm)

**Dimensional Tolerances :**

<b>Configuration:</b>	<b>Category:</b>	GPLM
<b>Compressive Strength:</b>	<b>Flatness:</b>	NPD
<b>Dimensional Stability:</b>	<b>Parallelism:</b>	NPD
<b>Shear bond Strength:</b>		Solid
<b>Flexural bond Strength:</b>		Mean 7.30 N/mm <sup>2</sup> [±bed face]
<b>Reaction to fire:</b>		mean 0.40 mm/m
<b>Water Absorption:</b>		0.15 N/mm <sup>2</sup>
<b>Water vapour diffusion coefficient:</b>		NPD
<b>Direct airborne sound insulation:</b>		Euroclass A1
		NPD
		5/15
	<b>Gross density:</b>	730kg/m <sup>3</sup>
	<b>Configuration:</b>	As Above
<b>Thermal Conductivity:</b>		0.16 W/m.K[A10,dry ]
<b>Dangerous Substances:</b>		See Note



Note information on Dangerous Substances will only be given when and where required in the appropriate form.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacture's instructions.

Signed on behalf of the manufacture:

Full name: Dr John Cotton

Position: Engineering Manager

Date: 22 February 2021

Version: Version: 4



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

**21**

**BS EN 771-4:2011**  
TS Spacer Block used in the walls

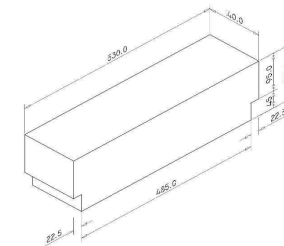
**Product Name: TS140W Blocks**

Category II: 530 x 140 x 140 mm Autoclaved aerated concrete masonry units

**Dimensions :** 530(mm) x 140(mm) x 140(mm)

**Dimensional Tolerances :**

<b>Configuration:</b>	<b>Category:</b>	GPLM
<b>Compressive Strength:</b>	<b>Flatness:</b>	NPD
<b>Dimensional Stability:</b>	<b>Parallelism:</b>	NPD
<b>Shear bond Strength:</b>		Solid
<b>Flexural bond Strength:</b>		Mean 7.30 N/mm <sup>2</sup> [±bed face]
<b>Reaction to fire:</b>		mean 0.40 mm/m
<b>Water Absorption:</b>		0.15 N/mm <sup>2</sup>
<b>Water vapour diffusion coefficient:</b>		NPD
<b>Direct airborne sound insulation:</b>		Euroclass A1
		NPD
		5/15
	<b>Gross density:</b>	730kg/m <sup>3</sup>
	<b>Configuration:</b>	As Above
<b>Thermal Conductivity:</b>		0.16 W/m.K[A10,dry ]
<b>Dangerous Substances:</b>		See Note



Note information on Dangerous Substances will only be given when and where required in the appropriate form.

Version: 4

**Declaration of Performance**

Certificate Number: DOP/BP-Blocks/TS100N



The undersigned, representing the following:

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

Confirms that:

**BS EN 771-4:2011**  
TS100N Spacer Block used in the walls

**21**

**Product Name: TS100N Blocks**

Conforms to harmonised European Standard: BS EN 771-4:2011

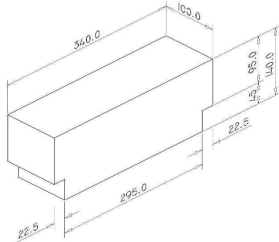
Category II: 340 x 100 x140 mm Autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: BS EN 771-4:2011

**Dimensions :** 340(mm) x 100(mm) x 140(mm)

**Dimensional Tolerances :**

<b>Category:</b>	GPLM
<b>Flatness:</b>	NPD
<b>Parallelism:</b>	NPD
<b>Configuration:</b>	Solid
<b>Compressive Strength:</b>	Mean 7.30 N/mm <sup>2</sup> [±bed face]
<b>Dimensional Stability:</b>	Moisture movement: mean 0.40 mm/m
<b>Shear bond Strength:</b>	Fixed Value 0.15 N/mm <sup>2</sup>
<b>Flexural bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient:</b>	Fixed Value 5/15
<b>Direct airborne sound insulation:</b>	
<b>Thermal Conductivity:</b>	<b>Gross density:</b> 730kg/m <sup>3</sup>
<b>Dangerous Substances:</b>	<b>Configuration:</b> As Above 0.16 W/m.K[A10,dry ] See Note



Note information on Dangerous Substances will only be given when and where required in the appropriate form.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacture's instructions.

Signed on behalf of the manufacture:

Full name: Dr John Cotton

Position: Engineering Manager

Date: 22 February 2021

Version: |Version: 4



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

**21**

**BS EN 771-4:2011**  
TSNH Spacer Block used in the walls

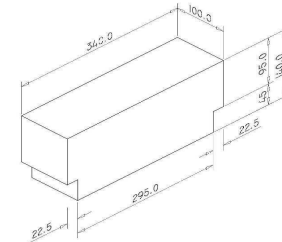
**Product Name: TS100N Blocks**

Category II: 340 x 100 x140 mm Autoclaved aerated concrete masonry units

**Dimensions :** 340(mm) x 100(mm) x 140(mm)

**Dimensional Tolerances :**

<b>Category:</b>	GPLM
<b>Flatness:</b>	NPD
<b>Parallelism:</b>	NPD
<b>Configuration:</b>	Solid
<b>Compressive Strength:</b>	Mean 7.30 N/mm <sup>2</sup> [±bed face]
<b>Dimensional Stability:</b>	Moisture movement: mean 0.40 mm/m
<b>Shear bond Strength:</b>	Fixed Value 0.15 N/mm <sup>2</sup>
<b>Flexural bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient:</b>	Fixed Value 5/15
<b>Direct airborne sound insulation:</b>	
<b>Thermal Conductivity:</b>	<b>Gross density:</b> 730kg/m <sup>3</sup>
<b>Dangerous Substances:</b>	<b>Configuration:</b> As Above 0.16 W/m.K[A10,dry ] See Note



Note information on Dangerous Substances will only be given when and where required in the appropriate form.

Version: |Version: 4

**Declaration of Performance**

Certificate Number: DOP/BP-Blocks/TS140N



The undersigned, representing the following:

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

Confirms that:

**BS EN 771-4:2011**  
TS140N Spacer Block used in the walls

**21**

**Product Name: TS140N Blocks**

Conforms to harmonised European Standard: BS EN 771-4:2011

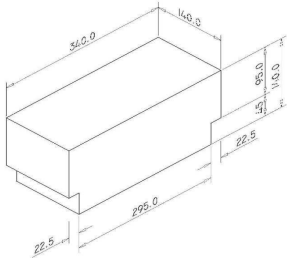
Category II: 340 x 140 x140 mm Autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: BS EN 771-4:2011

**Dimensions :** 340(mm) x 140(mm) x 140(mm)

**Dimensional Tolerances :**

<b>Configuration:</b>	<b>Category:</b>	GPLM
<b>Compressive Strength:</b>	<b>Flatness:</b>	NPD
<b>Dimensional Stability:</b>	<b>Parallellism:</b>	NPD
<b>Shear bond Strength:</b>		Solid
<b>Flexural bond Strength:</b>		Mean 7.30 N/mm <sup>2</sup> [L-bed face]
<b>Reaction to fire:</b>		mean 0.40 mm/m
<b>Water Absorption:</b>		0.15 N/mm <sup>2</sup>
<b>Water vapour diffusion coefficient:</b>		NPD
<b>Direct airborne sound insulation:</b>		Euroclass A1
		NPD
		5/15
	<b>Gross density:</b>	730kg/m <sup>3</sup>
	<b>Configuration:</b>	As Above
<b>Thermal Conductivity:</b>		0.16 W/m.K[λ10,dry ]
<b>Dangerous Substances:</b>		See Note



Note information on Dangerous Substances will only be given when and where required in the appropriate form.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacture's instructions.

Signed on behalf of the manufacture:

Full name: Dr John Cotton

Position: Engineering Manager

Date: 22 February 2021

Version: 4



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

**21**

**BS EN 771-4:2011**

TSH Spacer Block used in the walls

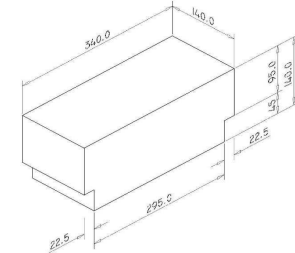
**Product Name: TS140N Blocks**

Category II: 340 x 140 x140 mm Autoclaved aerated concrete masonry units

**Dimensions :** 340(mm) x 140(mm) x 140(mm)

**Dimensional Tolerances :**

<b>Configuration:</b>	<b>Category:</b>	GPLM
<b>Compressive Strength:</b>	<b>Flatness:</b>	NPD
<b>Dimensional Stability:</b>	<b>Parallellism:</b>	NPD
<b>Shear bond Strength:</b>		Solid
<b>Flexural bond Strength:</b>		Mean 7.30 N/mm <sup>2</sup> [L-bed face]
<b>Reaction to fire:</b>		mean 0.40 mm/m
<b>Water Absorption:</b>		0.15 N/mm <sup>2</sup>
<b>Water vapour diffusion coefficient:</b>		NPD
<b>Direct airborne sound insulation:</b>		Euroclass A1
		NPD
		5/15
	<b>Gross density:</b>	730kg/m <sup>3</sup>
	<b>Configuration:</b>	As Above
<b>Thermal Conductivity:</b>		0.16 W/m.K[λ10,dry ]
<b>Dangerous Substances:</b>		See Note



Note information on Dangerous Substances will only be given when and where required in the appropriate form.

Version: 4

## Declaration of Performance

Certificate Number: DOP/BP-Blocks/JL100



The undersigned, representing the following:

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

Confirms that:

**BS EN 771-4:2011**  
JL100 Spacer Block used in the walls

**21**

**Product Name: JL100 Blocks**

Conforms to harmonised European Standard: BS EN 771-4:2011

Category II: 440 x 100 x 140 mm Autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: BS EN 771-4:2011

**Dimensions :** 440(mm) x 100(mm) x 140(mm)

**Dimensional Tolerances :**

**Category:** GPLM  
**Flatness:** NPD  
**Parallelism:** NPD

**Configuration:** Solid

**Compressive Strength:** Mean 7.30 N/mm<sup>2</sup> [ $\pm$ bed face]

**Dimensional Stability:** Moisture movement: mean 0.40 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

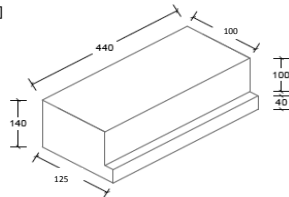
**Water vapour diffusion coefficient:** Fixed Value: 5/15

**Direct airborne sound insulation:**

**Gross density:** 730kg/m<sup>3</sup>  
**Configuration:** As Above

**Thermal Conductivity:** 0.16 W/m.K[A10,dry ]

**Dangerous Substances:** See Note



Note information on Dangerous Substances will only be given when and where required in the appropriate form.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacture's instructions.

Signed on behalf of the manufacture:

Full name: Dr John Cotton  
CEng MICE

Position: Engineering Manager

Date: 22 February 2021

Version: 4

# UK CA

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

**21**

**BS EN 771-4:2011**

JL100 Spacer Block used in the walls

**Product Name: JL100 Blocks**

Category II: 440 x 100 x 140 mm Autoclaved aerated concrete masonry units

**Dimensions :** 440(mm) x 100(mm) x 140(mm)

**Dimensional Tolerances :**

**Category:** GPLM  
**Flatness:** NPD  
**Parallelism:** NPD

**Configuration:** Solid

**Compressive Strength:** Mean 7.30 N/mm<sup>2</sup> [ $\pm$ bed face]

**Dimensional Stability:** Moisture movement: mean 0.40 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

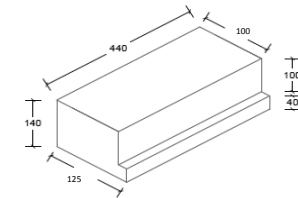
**Water vapour diffusion coefficient:** Fixed Value: 5/15

**Direct airborne sound insulation:**

**Gross density:** 730kg/m<sup>3</sup>  
**Configuration:** As Above

**Thermal Conductivity:** 0.16 W/m.K[A10,dry ]

**Dangerous Substances:** See Note



Note information on Dangerous Substances will only be given when and where required in the appropriate form.

Version: 4

## Declaration of Performance

Certificate Number: DOP/BP-Blocks/JL140



The undersigned, representing the following:

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

Confirms that:

**BS EN 771-4:2011**  
JL140 Spacer Block used in the walls

**21**

**Product Name: JL140 Blocks**

Conforms to harmonised European Standard: BS EN 771-4:2011

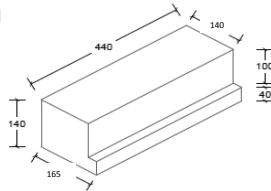
Category II: 440 x 140 x 140 mm Autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: BS EN 771-4:2011

**Dimensions :** 440(mm) x 140(mm) x 140(mm)

**Dimensional Tolerances :**

<b>Category:</b>	GPLM
<b>Flatness:</b>	NPD
<b>Parallelism:</b>	NPD
<b>Configuration:</b>	Solid
<b>Compressive Strength:</b>	Mean 7.30 N/mm <sup>2</sup> [±bed face]
<b>Dimensional Stability:</b>	Moisture movement: mean 0.40 mm/m
<b>Shear bond Strength:</b>	Fixed Value 0.15 N/mm <sup>2</sup>
<b>Flexural bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient:</b>	Fixed Value 5/15
<b>Direct airborne sound insulation:</b>	
<b>Thermal Conductivity:</b>	<b>Gross density:</b> 730kg/m <sup>3</sup>
<b>Dangerous Substances:</b>	<b>Configuration:</b> As Above 0.16 W/m.K[A10,dry ] See Note



Note information on Dangerous Substances will only be given when and where required in the appropriate form.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacture's instructions.

Signed on behalf of the manufacture:

Full name: Dr John Cotton  
CEng MICE

Position: Engineering Manager

Date: 22 February 2021

Version: 4

# UK CA

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

**21**

**BS EN 771-4:2011**  
JL140 Spacer Block used in the walls

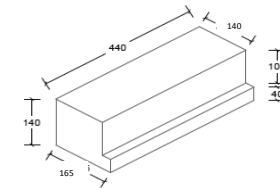
**Product Name: JL140 Blocks**

Category II: 440 x 140 x 140 mm Autoclaved aerated concrete masonry units

**Dimensions :** 440(mm) x 140(mm) x 140(mm)

**Dimensional Tolerances :**

<b>Category:</b>	GPLM
<b>Flatness:</b>	NPD
<b>Parallelism:</b>	NPD
<b>Configuration:</b>	Solid
<b>Compressive Strength:</b>	Mean 7.30 N/mm <sup>2</sup> [±bed face]
<b>Dimensional Stability:</b>	Moisture movement: mean 0.40 mm/m
<b>Shear bond Strength:</b>	Fixed Value 0.15 N/mm <sup>2</sup>
<b>Flexural bond Strength:</b>	NPD
<b>Reaction to fire:</b>	Euroclass A1
<b>Water Absorption:</b>	NPD
<b>Water vapour diffusion coefficient:</b>	Fixed Value 5/15
<b>Direct airborne sound insulation:</b>	
<b>Thermal Conductivity:</b>	<b>Gross density:</b> 730kg/m <sup>3</sup>
<b>Dangerous Substances:</b>	<b>Configuration:</b> As Above 0.16 W/m.K[A10,dry ] See Note



Note information on Dangerous Substances will only be given when and where required in the appropriate form.

Version: 4

## Declaration of Performance

Certificate Number: DOP/BP-Blocks/TCBL



The undersigned, representing the following:

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

Confirms that:

**BS EN 771-4:2011**  
TCBL Block used in the walls

**21**

**Product Name: TCBL Blocks**

Conforms to harmonised European Standard: BS EN 771-4:2011

Category II: 440 x 65 x100 or 140 mm Autoclaved aerated concrete masonry units

Provision to which the product conforms: Standard: BS EN 771-4:2011

**Dimensions :** 440(mm) x 65(mm) x 100 or 140(mm)

**Dimensional Tolerances :**

**Category:** GPLM  
**Flatness:** NPD  
**Parallelism:** NPD

**Configuration:** Solid  
**Compressive Strength:** Mean 7.30 N/mm<sup>2</sup> [±bed face]

**Dimensional Stability:** Moisture movement: mean 0.40 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 diffusion coefficient:** Fixed Value 5/15

**Direct airborne sound insulation:**

**Gross density:** 730kg/m<sup>3</sup>  
**Configuration:** As Above

**Thermal Conductivity:** 0.16 W/m.K[A10,dry ]

**Dangerous Substances:** See Note

Note information on Dangerous Substances will only be given when and where required in the appropriate form.

The performance of the product identified above is in conformity with the declared values, when installed in accordance with the manufacture's instructions.

Signed on behalf of the manufacture:

Full name: Dr John Cotton  
CEng MICE

Position: Engineering Manager

Date: 22 February 2021

Version: 1



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

**21**

**BS EN 771-4:2011**  
TCBL Block used in the walls

**Product Name: TCBL Blocks**

Category II: 440 x 65 x100 or 140 mm Autoclaved aerated concrete masonry units

**Dimensions :** 440(mm) x 65(mm) x 100 or 140(mm)

**Dimensional Tolerances :**

**Category:** GPLM  
**Flatness:** NPD  
**Parallelism:** NPD

**Configuration:** Solid

**Compressive Strength:** Mean 7.30 N/mm<sup>2</sup> [±bed face]

**Dimensional Stability:** Moisture movement: mean 0.40 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 diffusion coefficient:** Fixed Value 5/15

**Direct airborne sound insulation:**

**Gross density:** 730kg/m<sup>3</sup>  
**Configuration:** As Above

**Thermal Conductivity:** 0.16 W/m.K[A10,dry ]

**Dangerous Substances:** See Note

Note information on Dangerous Substances will only be given when and where required in the appropriate form.

Version: 1