

# Date of manufacture (refer to product code on block pack)

13

# BS EN 771-3:2011

**Product:** Lignacrete 7.3N/mm<sup>2</sup> - all grades

Cat	egory 1, aggregate concrete masor	nry units
Dimensions:	440mm, see delivery ticket for width (mm), 215mm	
Dimensional Tolerances:	Category :	D1
	Flatness:	NPD
	Parallelism:	NPD
Configuration:		Group 1 – solid units
		Group 2 – cellular and hollow
Compressive Strength:	mean	7.3N/mm <sup>2</sup>
Dimension stability:	moisture movement:	<0.8mm/m
Shear bond strength:	Fixed value	0.15N/mm <sup>2</sup>
Flexural Bond Strength:		NPD
Reaction to fire:		Euroclass Al
Water Absorption:		NPD
Water vapour diffusion coefficient:	Fixed value	5/15
Direct airborne sound insulation:	Gross density:	2000kg/m <sup>3</sup>
	Configuration:	As above
Thermal Conductivity:		1.33W/mK ( λ, <sub>10,dry</sub> )
Durability against freeze-thaw:	See Lignacrete Product Data	



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#### BS EN 771-3:2011 **Product:** Lignacrete 10.4N/mm<sup>2</sup> - all grades Category 1, aggregate concrete masonry units **Dimensions:** 440mm, see delivery ticket for width (mm), 215mm D1 **Dimensional Tolerances:** Category: NPD Flatness: NPD Parallelism: Group 1 – solid units **Configuration:** Group 2 – cellular and hollow 10.4N/mm<sup>2</sup> **Compressive Strength:** Mean <0.8mm/m Dimension stability: moisture movement: 0.15N/mm<sup>2</sup> Fixed value Shear bond strength: NPD Flexural Bond Strength: **Euroclass Al** Reaction to fire: NPD Water Absorption: 5/15 Water vapour diffusion Fixed value coefficient: 2000kg/m<sup>3</sup> Direct airborne sound insulation: Gross density: As above Configuration: 1.33W/mK ( $\lambda$ ,<sub>10,dry</sub>) **Thermal Conductivity: Durability against freeze-thaw:** See Lignacrete Product Data



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#### BS EN 771-3:2011 **Product:** Lignacrete 17.5N/mm<sup>2</sup> - all grades Category 1, aggregate concrete masonry units **Dimensions:** 440mm, see delivery ticket for width (mm), 215mm D1 **Dimensional Tolerances:** Category: NPD Flatness: NPD Parallelism: Group 1 - solid units Configuration: 17.5N/mm<sup>2</sup> **Compressive Strength:** Mean <0.8mm/m **Dimension stability:** moisture movement: Fixed value 0.15N/mm<sup>2</sup> Shear bond strength: NPD Flexural Bond Strength: **Euroclass Al** Reaction to fire: Water Absorption: NPD Water vapour diffusion Fixed value 5/15 coefficient: 2000kg/m<sup>3</sup> Direct airborne sound insulation: Gross density: As above Configuration: **Thermal Conductivity:** 1.33W/mK ( $\lambda_{10,dry}$ ) See Lignacrete Product Data **Durability against freeze-thaw:**



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13

#### BS EN 771-3:2011 **Product:** Lignacrete 22.5N/mm<sup>2</sup> - all grades Category 1, aggregate concrete masonry units **Dimensions:** 440mm, see delivery ticket for width (mm), 215mm **Dimensional Tolerances:** D1 Category: Flatness: NPD Parallelism: NPD **Configuration:** Group 1 - solid units 22.5N/mm<sup>2</sup> **Compressive Strength:** Mean **Dimension stability:** moisture movement: <0.8mm/m 0.15N/mm<sup>2</sup> Shear bond strength: Fixed value Flexural Bond Strength: NPD Reaction to fire: **Euroclass Al** Water Absorption: NPD Water vapour diffusion Fixed value 5/15 coefficient: Direct airborne sound insulation: 2100kg/m<sup>3</sup> Gross density: Configuration: As above **Thermal Conductivity:** 1.33W/mK ( $\lambda_{,10,dry}$ ) **Durability against freeze-thaw:** See Lignacrete Product Data



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13

## BS EN 771-3:2011

**Product:** Lignacrete PW 30N/mm<sup>2</sup>

Category 1, aggregate concrete masonry units		
Dimensions:	440mm x 195mm width x 65mm	
Dimensional Tolerances:	Category :	D1
	Flatness:	NPD
	Parallelism:	NPD
Configuration:		Group 1 – solid units
Compressive Strength:	mean	30N/mm²
Dimension stability:	moisture movement:	<0.8mm/m
Shear bond strength:	Fixed value	0.15N/mm <sup>2</sup>
Flexural Bond Strength:		NPD
Reaction to fire:		Euroclass Al
Water Absorption:		NPD
Water vapour diffusion coefficient:	Fixed value	5/15
Direct airborne sound insulation:	Gross density:	2100kg/m <sup>3</sup>
	Configuration:	As above
Thermal Conductivity:		1.43W/mK ( λ, <sub>10,dry</sub> )
Durability against freeze-thaw:	See Lignacrete Product Data	