



Lignacite Ltd
High Street, Brandon, Suffolk IP27 0AX

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

13

BS EN 771-3:2011

Product: Lignacrete 7.3N/mm² - all grades

Category 1, aggregate concrete masonry 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 ²
Dimension stability:	moisture movement:	<0.8mm/m
Shear bond strength:	Fixed value	0.15N/mm ²
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:	2000kg/m ³
	Configuration:	As above
Thermal Conductivity:		1.33W/mK ($\lambda_{10, dry}$)
Durability against freeze-thaw:	See Lignacrete Product Data	



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Product: Lignacrete 10.4N/mm² - all grades

Category 1, aggregate concrete masonry 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	10.4N/mm ²
Dimension stability:	moisture movement:	<0.8mm/m
Shear bond strength:	Fixed value	0.15N/mm ²
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:	2000kg/m ³
	Configuration:	As above
Thermal Conductivity:		1.33W/mK ($\lambda_{y,10,dry}$)
Durability against freeze-thaw:	See Lignacrete Product Data	



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Product: Lignacrete 17.5N/mm² - all grades

Category 1, aggregate concrete masonry units

Dimensions:	440mm, see delivery ticket for width (mm), 215mm	
Dimensional Tolerances:	Category :	D1
	Flatness:	NPD
	Parallelism:	NPD
Configuration:		Group 1 – solid units
Compressive Strength:	Mean	17.5N/mm ²
Dimension stability:	moisture movement:	<0.8mm/m
Shear bond strength:	Fixed value	0.15N/mm ²
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:	2000kg/m ³
	Configuration:	As above
Thermal Conductivity:		1.33W/mK ($\lambda_{10,dry}$)
Durability against freeze-thaw:	See Lignacrete Product Data	



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Product: Lignacrete 22.5N/mm² - all grades

Category 1, aggregate concrete masonry units

Dimensions:	440mm, see delivery ticket for width (mm), 215mm	
Dimensional Tolerances:	Category :	D1
	Flatness:	NPD
	Parallelism:	NPD
Configuration:		Group 1 – solid units
Compressive Strength:	Mean	22.5N/mm ²
Dimension stability:	moisture movement:	<0.8mm/m
Shear bond strength:	Fixed value	0.15N/mm ²
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:	2100kg/m ³
	Configuration:	As above
Thermal Conductivity:		1.33W/mK ($\lambda_{10,dry}$)
Durability against freeze-thaw:	See Lignacrete Product Data	



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Product: Lignacrete PW 30N/mm²

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/mm ²
Dimension stability:	moisture movement:	<0.8mm/m
Shear bond strength:	Fixed value	0.15N/mm ²
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:	2100kg/m ³
	Configuration:	As above
Thermal Conductivity:		1.43W/mK ($\lambda_{10,dry}$)
Durability against freeze-thaw:	See Lignacrete Product Data	