

CATEGORY 1, HD BRICKS

**Testgroup 1**

**Testgroup 2**

Applies to

D31-D32-D51-D70-D71-D72-D78-D91-D98

D33-D34-D35

Dimensions:	228 mm x 108 mm x 54 mm, T2	228 mm x 108 mm x 54 mm, T2
Range:	NPD	NPD
Flatness:	NPD	NPD
Plane parallelness:	NPD	NPD
Geometry:	Group 2 under EN 1996-1	Group 2 under EN 1996-1
Gross dry density:	1700 kg/m <sup>3</sup> , D1	1700 kg/m <sup>3</sup> , D1
Compressive strength	Average: 15 N/mm <sup>2</sup>	Average: 10 N/mm <sup>2</sup>
on resting surface:	Normalised: 12 N/mm <sup>2</sup>	Normalised: 8 N/mm <sup>2</sup>
Equivalent heat resistance:	NPD	NPD
Water absorption:	NPD	NPD
Soluble salt content:	S2	S2
Moisture migration:	NPD	NPD
Flammability:	Fire class A1	Fire class A1
Vapour diffusion coefficient:	NPD	NPD
Bond strength:	0.15 N/mm <sup>2</sup> under EN 998-2	0.15 N/mm <sup>2</sup> under EN 998-2
Frost resistance:	F2	F2

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**Testgroup 3**

**Testgroup 4**

Applies to

D36-D37-D38-D39A-D39B-D54-D76

D43-D48-D49-D55-D58-D99

Dimensions:	228 mm x 108 mm x 54 mm, T2	228 mm x 108 mm x 54 mm, T2
Range:	NPD	NPD
Flatness:	NPD	NPD
Plane parallelness:	NPD	NPD
Geometry:	Group 2 under EN 1996-1	Group 2 under EN 1996-1
Gross dry density:	1700 kg/m <sup>3</sup> , D1	1800 kg/m <sup>3</sup> , D1
Compressive strength	Average: 12 N/mm <sup>2</sup>	Average: 15 N/mm <sup>2</sup>
on resting surface:	Normalised: 10 N/mm <sup>2</sup>	Normalised: 12 N/mm <sup>2</sup>
Equivalent heat resistance:	NPD	NPD
Water absorption:	NPD	NPD
Soluble salt content:	S2	S2
Moisture migration:	NPD	NPD
Flammability:	Fire class A1	Fire class A1
Vapour diffusion coefficient:	NPD	NPD
Bond strength:	0.15 N/mm <sup>2</sup> under EN 998-2	0.15 N/mm <sup>2</sup> under EN 998-2
Frost resistance:	F2	F2

Characteristics such as deformation, spalling off edges, cracks and deviations from dimensions are due to our old firing technique. However, we provide the usual guarantee for frost damage.

**CE** Year 2006  
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EN 771-1

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