

Technical data

Revised 10.01.12

CATEGORY 1, HD BRICKS

Applies to:

Dimensions:
Range:
Flatness:
Plane parallelness:
Geometry:
Gross dry density:
Compressive strength
on resting surface:
Equivalent heat resistance:
Water absorption:
Soluble salt content:
Moisture migration:
Flammability:
Vapour diffusion coefficient:
Bond strength:
Frost resistance:

Test group **1**

D31·D32·D51·D70·D71·D72
D73·D78·D91·D92·D98

228mm x 108mm x 54mm, T2
NPD (no performance determined)
NPD (no performance determined)
NPD (no performance determined)
Group 1 under EN 1996-1
NPD (no performance determined)
Average: 15 N/mm²
Normalised: 12 N/mm²
NPD (no performance determined)
NPD (no performance determined)
S2
NPD (no performance determined)
Fire class A1
NPD (no performance determined)
0.15 N/mm² under EN 998-2
F2

Test group **2**

D23·D33·D34·D35

228mm x 108mm x 54mm, T2
NPD (no performance determined)
NPD (no performance determined)
NPD (no performance determined)
Group 1 under EN 1996-1
NPD (no performance determined)
Average: 10 N/mm²
Normalised: 8 N/mm²
NPD (no performance determined)
NPD (no performance determined)
S2
NPD (no performance determined)
Fire class A1
NPD (no performance determined)
0.15 N/mm² under EN 998-2
F2

CATEGORY 1, HD BRICKS

Applies to:

Dimensions:
Range:
Flatness:
Plane parallelness:
Geometry:
Gross dry density:
Compressive strength
on resting surface:
Equivalent heat resistance:
Water absorption:
Soluble salt content:
Moisture migration:
Flammability:
Vapour diffusion coefficient:
Bond strength:
Frost resistance:

Test group **3**

D36·D37·D38·D54·D76

228mm x 108mm x 54mm, T2
NPD (no performance determined)
NPD (no performance determined)
NPD (no performance determined)
Group 1 under EN 1996-1
NPD (no performance determined)
Average: 12 N/mm²
Normalised: 10 N/mm²
NPD (no performance determined)
NPD (no performance determined)
S2
NPD (no performance determined)
Fire class A1
NPD (no performance determined)
0.15 N/mm² under EN 998-2
F2

Test group **4**

D42·D43·D46·D47·D48·D49
D55·D58·D96·D97·D99

228mm x 108mm x 54mm, T1
NPD (no performance determined)
NPD (no performance determined)
NPD (no performance determined)
Group 1 under EN 1996-1
NPD (no performance determined)
Average: 15 N/mm²
Normalised: 12 N/mm²
NPD (no performance determined)
NPD (no performance determined)
S2
NPD (no performance determined)
Fire class A1
NPD (no performance determined)
0.15 N/mm² under EN 998-2
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 12
Certificate number: 1073-CPD-M181
EN 771-1

PETERSEN TEGL A/S
Nybølnervej 14
DK-6310 Broager
Phone: +45 74 44 12 36
Fax: +45 74 44 04 34
Mail: info@petersen-tegl.dk
www.petersen-tegl.dk