Product Technical Information Sheet

Solar Shades

Luna

Application:
The bricks can be laid with traditional mortar and joints, or using thin mortar or glue with 5mm joints.

Description:
The extruded bricks are made from a mixture of Campine old-Quaternary clay and manganese oxide. As a result, the body of the brick is soft brown. Every brick has a colour palette varying from grey to white. On 40% there are soft dark and black traces. Slight differences of colour from one series to another are possible. The stretcher and headers look rugged and dented. The bricks are extruded with perforations less than 25%. The baking process takes place in a gas-heated tunnel oven of 1020°C. The facing bricks have a homogeneous structure and are free from lime or other inclusions that potentially might cause damages.

Configuration (EN 771.1): Vertically Perforated Clay Facing Brick
Compressive Strength: >= 35 N/mm²
Compressive Strength Category: I
Freeze/Thaw Resistance: F2
Soluble Salts Content Category: S2
Reaction to Fire: Class A1
Thermal Conductivity (P = 50): 0.55 W/m.K
Thermal Conductivity (P = 90): 0.63 W/m.K
Void Percentage: =< 20 %
Water Vapour Permeability Coefficient: 5/10
Bond Strength (fixed value): 0.15 N/mm²
Quantity per Pack: 620
Recycled Content: 0 %
DoP common root reference code: Nr.1-Gr1a 21-12-2022
Other Sizes Available: 270 x 70 x 50 mm,210 x 70 x 50 mm,210 x 100 x 65 mm

Dimensions: 210 x 100 x 50 mm

Dimensional Tolerance: T2
Dimensional Range: R2
Water Absorption: =< 10 %
Initial Rate of Water Absorption: 0.5 - 1.5 kg/m².min
Dangerous Substances: N/A
Thermal Resistance (P = 50): 0.18 m².K/W
Thermal Resistance (P = 90): 0.16 m².K/W
Net Dry Density: 1950 kg/m³
Net Density Tolerance: D1
Gross Dry Density: 1700 kg/m³
Gross Density Tolerance: Dm(20%)
Product Weight: 1.7 kg
Products per Square Metre: 73

Vaartkant Rechts 4
B-2960 Brecht
Belgium

Tel: +32 3 313 81 98
Fax. +32 3 313 71 56
info@floren.be
www.floren.be

FLOREN & Cie NV/SA
part of the Michelmersh Brick Holdings Plc Group
STEENBAKKERIJ / BRIQUETERIE / BRICKS

The bricks comply with BENOR norm (PTV 23-002) and with CE norm (%s).

Technical data correct at the time of issue. Please order a sample for accurate representation of product. The colors and density of the bricks as shown, may differ slightly from reality. Other sizes on request. The size may slightly differ from one production series to another.

Declarations of performance, environmental and other policies can be found on the company website: %s. Further information is available via our sales department on +32 3 313 81 98 or email %s

Issue Date: 12/06/2026

Vaartkant Rechts 4
B-2960 Brecht
Belgium

Tel: +32 3 313 81 98
Fax. +32 3 313 71 56
info@floren.be
www.floren.be