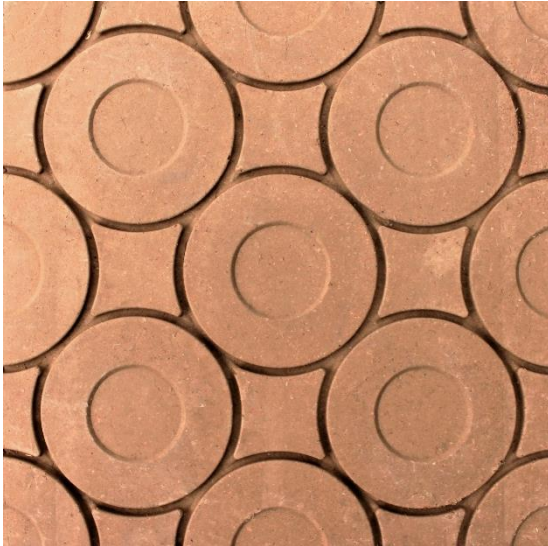


Clay dry construction panel acc. to. DVL TM 07 (type A), system TOSKANA

Dry construction panel as mounting aid for electrical resistor cable.

For montage to ceiling.



properties

clay dry construction panel with pressed-in grooved structure for laying of electrical resistor cable of system TOSKANA. With pressed-in glassfibre-grid. For installation to ceiling, onto wooden substructure. As a base for ArgillaTherm clay-upper plaster No. 1-2.

composition

wooden grid, sands, clays, hemp fibres, glassfibre grid

Key figures

measurements	375 x 375 x 25 mm
Size accuracy	± 0,5 mm
weight panel / m ²	5,58 kg / 39,70 kg
max. cable capacity per m ²	11,8 m
Compressive strength	minimum 2,5 N / mm ²
Tensile strength in bending	minimum 4,5 N/mm ²
Bulk density	1.745 kg/m ³
Steam diffusion resistance	mind. $\mu = 5/10$
Reaction to fire classification	A 1
Thermal conductivity of clay	1,05 W/mK
Thermal conductivity of wood material	0,14 W/mK
abrasion	≤ 0,7
Steam sorption grade	WS III
Desiccation shrinkage degree	≤ 2 %

Forms of delivery

packages	content	Reach in system	Article number
1 palette à 180 panels	180 pieces	25,315 m ²	ESBP000181

Measurements including palette approx. 120 x 80 x 95 cm (length x width x height) with edge protection and cardboard cover. Weight incl. palette approx. 1.034 kg.

storage

The material is indefinitely storable at dry storage.

application

clay dry-construction panel for creation of clay-dry- plaster, as mounting aid for ArgillaTherm electrical resistor cable and as subsurface for ArgillaTherm clay-upper plaster No. 1-2. Vreate a sufficiently viable and even surface, e.g.out of laths 2 x 4 and 2,2cm ESB-panels..Install Toskana panels to it gaplessly, while fastening it at the centre ofe very panel and where the cross joint is formed. Subsequently lay electrical resistor cable and cover with ArgillaTherm clay-upper plaster No. 1-2. The panels can be cut using an angle grinder or a circular saw bench (recommended saw blade: ODESSÖ DP HKS 250x2,4/1), holes can be drilled with a diamond studded drill bit.

For more accurate processing directions please refer to the TOSKANA system instruction manual.

subsurface

The subsurface must be sufficiently viable and even. Generally use ESB-Plus oder OSB panels, which are tob e handled by tongue and groove connection, as a substructure.

For construction parts that are not in direct contact with outdoor air there is usually no need for thermal insulation. In case of doubt please refer to our technical experts.

System components

ArgillaTherm electrical resistorcable

Electrical resistor cable for fabrication as a heating tool in system TOSKANA.

ArgillaTherm clay-upper plaster No. 1-2

Maschinengängige Lehmputz- Fertigmischung gem. DIN 18947.

ArgillaTherm clay-finish plaster No. 2-2

Ready-mix for creation of white clay thin-layer coating according to DVL TM 06. zur Erstellung einer weißen Lehm-Dünnlagenbeschichtung nach DVL TM 06.

Thermostat AT-3D

Thermostat according to DIN EN 60730, fire classification II, for finery and flush mounting. Unterputzmontage.