

Bitumen panel adhesive for protective and drain boards

Characteristics

ÖKOPLAST® PK-2K 20B is a reactive setting adhesive based on bitumen emulsion. It is easy to work with and its longer working time makes it easy to handle during gluing.

- Easy to process
- long working time
- fast curing
- fibre reinforced

Use

ÖKOPLAST® PK-2K 20B is used for bonding protective, insulation and drainage panels made of EPS, XPS and foam glass. It can be used on absorbent and non-absorbent substrates such as concrete, masonry, plaster, PMBC or FPD. Depending on the application or water impact class, apply on the whole surface or as bead-point bonding.

Application areas

- Exterior and interior
- walls and floors
- basement walls
- foundations
- floor slabs
- retaining walls
- plinths

Specifications

Packaging	PE bucket/paper bag
mixed container	30 kg
liquid component	22.5 kg
powder component	7.5 kg
mixing ratio	3 : 1 wt.-part
delivery form	17 Package/Pal.
Density, ready for processing	1,10 kg/l
Processing temperature	+5 °C to +35 °C
Processing time	approx. 2 hrs.
Fully hardened and resilient ¹⁾²⁾	after 1 - 3 days
Can be filled ¹⁾	after 1 day
Store	frost-free and cool, 12 months

Quantity required

Bead-point bonding	2 - 3 kg/m ²
full-surface bonding	3 - 4 kg/m ²

¹⁾ At +20 °C and 60 % relative atmospheric humidity.

²⁾ Depending on ambient conditions and panel material used.

Preparation of the surface

The substrates must be solid, load-bearing, free of dust, dirt and mortar residues or other adhesion impairing layers. Clean the base projections thoroughly. Completely remove sinter layers and impurities. Outer edges must be broken. Paint or spray **IMBERAL® Aquarol 10D** as an undercoat on all absorbent mineral surfaces. Any break-outs and unevenness must be levelled in advance with **INTRASIT® SM 54Z** or **INTRASIT® RZ1 55HSP**. The substrate can be matt-moist. Adhesive and load-bearing PMBC or FDP seals can be reworked with **ÖKOPLAST® PK-2K 20B**. Here, unevenness up to 5.0 mm can be levelled with **ÖKOPLAST® PK-2K 20B**.

Application

Mix:

Briefly stir the liquid component with a slowly rotating stirring tool with paddle (400 to 600 rpm) and intensively mix in the entire powder component. The mixing process takes approx. 1 minute and is finished when the mass is homogeneous and free of lumps.

EPS and XPS panels (full-surface bonding):

Apply the panel adhesive to the reverse side of the panel or substrate using a toothed trowel (min. 8 teeth, the greater the panel thickness and format, the larger the teeth should be). Press the panels on and push them lightly back and forth on the substrate. Apply the panel adhesive to the previously mounted panels on the reverse side for gluing the panel joints. Assembly is seamless from bottom to top. Fill in excess material in the joint area.

EPS and XPS plates (bead-to-point bonding):

Apply the panel adhesive to the reverse side of the panel in strips around the edges and in the middle of the panel (the amount of panel adhesive should be adjusted according to the panel used). Press the panels on and push them lightly back and forth on the substrate. Assembly is seamless from bottom to top.

Foam glass panels (full-surface bonding only):

Apply the panel adhesive to the back and front using a suitable toothed trowel. Press the panels on and push them lightly back and forth on the substrate. Assembly is seamless from bottom to top. Fill in excess material in the joint area. If required and in order to produce a closed surface, the tiling can be completely reworked with **ÖKOPLAST® PK-2K 20B**.

Important notes

- Only for use in areas covered by earth and in contact with it.
- After thorough drying, can only be removed with solvent.
- Specifically heavy building materials must be supported during the setting phase.
- Protect the glued panels from direct sunlight, rain and mechanical damage.
- Comply with the processing recommendations of the respective insulation material manufacturer.
- Moisture acting on the back must be excluded.
- Fill the excavation pit promptly after the panel adhesive has dried and only with suitable material.
- Fill the excavation pit layer by layer without mechanical impact on the panels.
- Observe supplementary information from the "FPX Leaflet Perimeter Insulation".

Ingredients

Bitumen, emulsifiers, fibres, functional fillers, reactive binders

Safety provisions/recommendations

Information regarding the safety during transport, storage and handling is included in the updated safety data sheets.

Disposal

The local waste removal regulations must be observed.

Manufacturer

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