

Prince Color[®] Z 301 PS

Joint sealant for adhesive of façade insulation polystyrene and mineral fibre boards

Extent of use

- For indoor and outdoor application
- For walls, ceilings adhesive bonding of insulation polystyrene and mineral fibre boards

Product attributes

- Frost resistant
- Steady and solid
- Easy workable for adhesive of insulation boards

Substrate preparation

- The substrate must be solid, even, dry, clean and free of dust, oils and adhesive old coats.
- Absorbent substrates must be primed with Prince Color PGM.
- Very absorbent substrates must be primed until absorbs (do not allow veneer creation), smooth and low absorbent substrates prime with Prince Color PPB coat.
- Standard gauging ration and consequential technological pause must be kept
- Adhesive substrate must be levelled, no accident more than 10 mm to 1 m lengthwise (measured by pole).

Application

Mixing

- Dry mixture is properly blended with clean gauging water (according ČSN EN 1008) mixed with suitable stirrer mounted on an electric drill (max. 500 r.p.m.) until required consistency of lump free mixture is achieved. Allow slake for about 3 minutes then remix briefly.

Application of bonding mortar onto insulation boards

- Apply joint sealant Prince Color Z 301 PS on insulation polystyrene boards with trowel bonding mortar alongside underside border and approx.2 dots the size of palm in direct axis of the board (this Buttering-Floating method is used when accidents are close to 10 mm for 1 m length) or using notched trowel for full –screen bonding is used for boards from mineral fibre with perpendicular/normal fibre.

Packaging and storage

- 25 kg PE lined paper bag, delivery on wrapped EURO pallets.
- Shelf life in dry warehouse is 12 month from the date of production.

Technical Datasheets

Material Basis	Cement and special fine-grained additives.
Bulk density	approx. 1,5 kg/dm ³
Fresh mortar density	approx. 1,6 kg/dm ³
Gauging water	potable water or clean water
1 kg of powder	approx.0,24 litres
25 kg bag (grey, white)	approx.6,0 litres
Working time*	approx. 60 minutes
Open time*	min. 20 minutes
Compressive strength after 28 days	min.8 MPa
Adhesive strength after 28 days	min. 0,3 MPa
Working temperature (substrate temp.)	+ 5°C to +25 °C
Frost resistance	yes, min. 25 cycles
Adhesive consumption	
- full area	approx. 3 – 4,5 kg dry mortal/m ²
- buttering-floating	approx. 4 – 5 kg dry mortal/m ²
Setting*(on low absorbent substrate)	approx.48 hours
Temperature resistance	- 40°C to + 80°C
Colour tints	grey
*At + 23 °C and 50 % relative humidity. Higher temperatures reduce and lower temperatures increase mentioned the times given.	

Please note

- Do not apply at substrate or ambient temperatures under +5°C and above +25°C
- Protect freshly applied joint sealant from rapid fast drying (wind, direct sun, high temperature)
- In joint areas like concrete/masonry, joints between boards and corners it is not recommended to make continuous slab. The joints must overlap at least 20 cm.
- Our regional technical specialists can provide detailed instructions and demonstration of the correct joint sealant application.
- Do not add any additional materials

Note:

The product can be used as component of ETICS (kit) MultiTherm[®]. In this case the application of the component prescribe in instalation guide for the ETICS (kit) MultiTherm[®]. For ETICS (kit) MultiTherm[®] M-D, MultiTherm[®] M-L, MultiTherm[®] NEO, MultiTherm[®] P there is following CE marking valid



Safety instruction

Mixture can irritate skin, eyes and mucus membrane.
There is risk of allergic reaction in case of skin contact.
During work avoid contact with skin and eyes. Do not inhale. Do not eat and drink during application. Keep out of reach of children. Wear suitable protective clothing and gloves.

Information for architects and engineers

Consultations on the building sites, additional information, tests and samples descriptions are available at our technical specialists or directly at headquarters.

Disposal information

Product is to be disposed in accordance with Act No.356/2003 Digest (valid in Czech republic).

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