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TECHNICAL DATA SHEET

Flexcrl Structure

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Product description

Zettex Flexcrl Structure is a plasto-elastic one component, water-based mastic, with an added structure grain, that cures fast under evaporation of water, used for sealing finishing joints and filling interior cracking. Zettex Flexcrl Structure forms a durable flexible seal and can be painted, Zettex Flexcrl Structure gives a structured finish.

Material

Acrylic

Advantages

- Water based. No odour.
- Compatible with paints.
- Free of solvents, isocyanate and silicone.
- Adhesion to most common building substrates.
- Easy tooling. Wash-up with water.
- Beautiful structure finish.

Fields of application

- For sealing interior finishing joints for walls, partitions, ceiling and skirting boards.
- Connection joints on windowsills, between masonry, etc.
- For filling cracks, board joints, around shutter formwork, etc.
- Suitable for bonding expanded polystyrene on absorbent substrates.
- Suitable on all usual porous building substrates.

Application

After substrate preparation, apply Zettex Flexcrl Structure with the Zettex Caulkgun. The sealant should be smoothed using a tool moistened with water before skinning for a perfect sealant surface. Smoothing is not only recommended for aesthetic reasons, but also guarantees close contact and good adhesion to the substrate. Remove any masking tape used immediately after smoothing. Fresh product and tools can be cleaned with water.

- Fresh product must be protected from condensed moisture or rainwater, until a solid skin has formed.
- The product cures by means of desiccation (water evaporation). High humidity, low temperatures and high joint depth can delay skin formation and curing significantly.
- If applied outdoors, the joint must be protected from driving rain and continuous exposure to moisture/water.
- During drying, the colour will slightly change.
- The product is compatible with most paint systems. Due to the large number of paints and varnishes available, we strongly suggest a compatibility test before application.
- It should not be applied on bituminous or tar containing substrates, and to materials that bleed oils or plasticizers.
- It must not be used in contact with untreated metals (oxidation risk).

Packaging

- 310 ml cartridge
- Colours white, grey and brown. Other colours are available on request.

Safety recommendations

Please read our MSDS before using this product

Storage

Zettex Flexcryl Structure has a shelf life of 18 months, stored in a dry place at temperatures between +5 and +25 degrees, in its original container.

Certificates



| Properties | Specifications |
|---------------------------------|--------------------------------------|
| Type | Water based acrylic sealant |
| Odour | None |
| Consistency | Non-slump paste |
| Specific gravity | Approx. 1.74 g/ml |
| Skin forming time | Approx. 45 min. (at 23°C; 50 % R.H.) |
| Application temperature range | +5 to +40 degrees. |
| PROPERTIES OF THE CURED PRODUCT | (at 23°C; 50 % R.H.) |
| Service temperature | -20 to + 80 degrees |
| Shore A Hardness (ISO 868) | Approx. 25 (6mm thick film) |
| Max. Tensile (ISO 37) | Approx. 0,20 MPa |
| Elongation at break (ISO 37) | >200 % |