Product Datasheet

Acrylic sealing compound

CODEX STRUCTURE ACRYLIC

Ready to use, paint-compatible acrylic sealing compound with fine-grained plaster texture

APPLICATIONS:

Paintable, ready-to-use, plastically mouldable acrylic sealant with a plaster-like surface.

Suitable for grouting connection and movement joints on plaster surfaces subject to low compression and expansion, as well as for repairing cracks and damage in textured or rubbed plasters.

Can be used on wall and ceiling joints, built-in parts, window frames and sills in interior and exterior areas.

LEED: Meets the LEED requirements in IEQ Credit (4.1) Low Emitting Materials - Adhesives and Sealants (LEED v4)

SUITABLE FOR USE ON:

- Residential, commercial and industrial construction
- Connection joints to ceilings and walls
- Window frames and sills
- Door frames, built-in parts
- Joints in wooden floorboards before levelling work

SUITABLE ON:

- Plaster
- Masonry, bricks
- Tiles, clinker
- Concrete and aerated concrete
- Gypsum fibreboard and plasterboard
- Fibre cement
- Wood, chipboard

PRODUCT BENEFITS/FEATURES:

- With fine plaster texture
- Ready to use
- Expandable
- Stable
- Self-adhesive
- Stress-free hardening
- UV and ageing resistant
- Can be plastered and painted over

TECHNICAL SPECIFICATIONS:

Pack type	cartridge
Pack size	310 ml
Shelf life	24 months
Color	white
Minimum working temperature	+ 5 °C to + 35 °C
Ideal working temperatures	+ 10 °C to + 25 °C
Temperature resistance	- 25 °C to + 80 °C
Setting time	approx. 1 mm/day*
Motion absorption	12.5 %

GEV-EMICODE EC 1 PLUS very low emission

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SUBSTRATE PREPARATION:

The bonding surfaces must be dry, load-bearing, free from dust and grease. When performing restoration work old, sealing compounds as well as paint residues and non-load-bearing layers must be completely removed. The joint shall be pre-filled with suitable, correctly dimensioned back-filling material (e. g. PE round cord, PE film) to prevent bonding to 3 surfaces.

We recommend masking the edges of the joint with adhesive tape before jointing to avoid soiling or to create an exact joint.

Refer to the product data sheets for other codex products used.

APPLICATION:

1. Cut the cartridge open above the threaded neck and screw on nozzle tip cut at an angle.
2. Press sealing compound bubble-free with good flank wetting into the joint.
3. Smooth filled joints with a suitable smoothing tool and some water before the skin forms (within 10 minutes). Remove any adhesive tape that may possibly be used before skin formation to avoid tearing the joint.
4. Clean tools and soiled surfaces with water while fresh. Remove mechanically when hardened.

IMPORTANT NOTES:

- Store in a cool, dry and frost-free place. Carefully and tightly re-seal opened packaging and use the contents quickly.
- Optimum processing at + 10 to + 25 °C. Setting takes place by giving off water into the environment. Low temperatures and high humidity prolong will delay and high temperatures and low humidity will accelerate the drying time.
- As codex Structure acrylic dries by releasing water, edge discolouration due to moisture can occur on sensitive natural stones. It is therefore essential to carry out a test jointing in an inconspicuous place for natural stone coverings.
- Substances and substrates containing bitumen may lead to discolouration in codex Sealing Acrylic as well as interfere with adhesion.
- Do not use in places where standing water can form.
- For connecting and movement joints subjected to increased stretching or upsetting codex products from the current product offering should be used.
- Pre-fill deeper joints with closed-cell round PE string.
- Mask off joint edges for joint work with clean edges, using self-adhesive tape, if necessary; remove adhesive tape immediately after smoothing.
- Discolourations may occur when using smoothing agents other than the codex brand; perform a trial joint for this reason.
- Protect joints against soiling and contact with water until completely dry.
- Fully coated sealant joints may tend to crack if the joint moves, as the applied paint generally absorbs less expansion than the sealant.
- In addition to all relevant standards, guidelines and bulletins the following are recommended for special attention:
- ZDB Bulletin: Movement joints in covering and flooring from tiles and slabs
- IVD Bulletin No. 3

SEALS OF QUALITY & ECOLABELS

- Water-based acrylic sealants
- EMICODE EC 1 PLUS / Very low emission

PROTECTION OF THE WORKPLACE AND ENVIRONMENT:

Water-based acrylic sealants. Solvent-free. Non-flammable. Keep out of reach of children. Avoid contact with eyes. Ventilation of the work area is recommended. When fully dried, the product presents no physiological or ecological risk.

DISPOSAL:

Do not allow dispersal into drains, sewers or ground. Plastic cartridges with liquid residues are special waste, empty cartridges or those with dried residues are Construction Waste.

The above information is based on our experience and careful investigations. The variety of associated materials and different construction and working conditions cannot be individually checked or influenced by us. The quality of your work depends, therefore, on your own professional judgement and product usage. If in doubt, conduct a small test or obtain technical advice. Observe the installation recommendations of the covering manufacturer. The publication of this datasheet invalidates all previous Information. The respective updated version of this datasheet can be found on our website: www.codex-x.com | 01/2024