

MEGASEAL ACRYL

Single Component General Purpose Acrylic Sealant

Description:

MEGASEAL ACRYL is a flexible, single component water based acrylic joint sealant and gap filler for interior use. MEGASEAL ACRYL is resistant to weathering with good adhesion to most porous surfaces.

Uses:

- MEGASEAL ACRYL is suitable for sealing low movement joints.
- Sealing joints around doors and windows frames, skirting, architraves, etc.
- Sealing construction joints.
- Overhead application between wall and ceiling.
- Crack filler in concrete substrates.

Advantages:

- Single component, ready to use.
- Good adhesion and bonding properties.
- Paintable with emulsion and alkyd paints.
- Flexible seal.
- Easy to apply and economical.

Instructions for Use:

Surface Preparation:

Joint surface should be sound, clean, dry and free from loose material, laitance, dirt, oil and grease. Ensure that concrete is fully cured.

Prepare the joint by hand mechanical tools to remove any contaminants or deformation. If the joint requires re-profiling, conduct re-profiling with one of MATEX concrete repair products. For very porous surfaces or very dry substrate, apply primer by thinning MEGASEAL ACRYL with 25% of water. Consult with MATEX Technical Department for further instructions.

Mixing:

The product is ready to use. Do not add water or any ingredient to the product.

Application:

Fix masking tape to the sides of the joint before application, to preserve the joint edges from contamination. Ensure that the joint filler and or backing rod is tightly packed.

Apply MEGASEAL ACRYL with a manual caulking gun or a spatula. Extrude the sealant directly into the joint ensuring complete contact with joint faces. Avoid formation of air bubbles and gaps. Smoothen the surface of the sealant by using a clean sponge wet with water.

Standards:

- ASTM C920, Type S, Grade NS, Class 12.5
- ASTM D412

TECHNICAL PROPERTIES	
Appearance	Paste
Color	White (Other colors available upon request)
Density	1.45 ± 0.03 kg/liter
Solid Content	80%
Color stability	Pass
Application Temp.	10°C to 40°C
Curing	Evaporation
Cure Time@ 25°C	Approx. 1mm/day depending on thickness, ambient temp
Elongation at break (ASTM D412)	200%
Modulus of Elasticity (ASTM D412)	1.0 Mpa.s
Maximum joint width	10 mm
Movement Accommodation Factor	+/- 10%
Water absorbency	Minimal
Service Temperature	-5°C to +80°C
VOC	Negligible

*Values indicated may vary depending on the environment and conditions of the material. Figures given are tested according to standard laboratory conditions.

MEGASEAL ACRYL

Packaging:

MEGASEAL ACRYL is supplied in 5 kg plastic containers.

Storage:

Store in original packing in dry conditions away from direct sunlight and high humidity levels. Temperature of storage area not to exceed 35°C.

Shelf Life:

MEGASEAL ACRYL can be utilized within 12 months of production date if stored in proper conditions in an unopened original packing.

Cleaning:

Clean tools with water before material hardens. Hardened materials can only be removed mechanically.

Health and Safety:

Avoid contact with eyes and skin. Wear suitable protective clothing such as coveralls, goggles, dust mask and gloves. Use barrier cream. Ensure that there is adequate ventilation. Do not breathe vapor or spray mist.

FIRST AID:

- | | |
|-------------|---|
| Eyes: | In the event of accidental splashes, flush with warm water and seek medical advice. |
| Skin: | Wash skin thoroughly with soap and water |
| Inhalation: | Remove to fresh air, keep patient rested |
| Ingestion: | Do not induce vomiting. Seek immediate medical attention. |

For further safety information, please refer to MEGASEAL ACRYL Material Safety Data Sheet.

MATEX Rev.07-0422

MATEX warrants that its products are free from material and manufacturing defects. Instructions on how to use the product should be strictly followed to ensure effectivity and safe use. MATEX shall not be liable either directly or indirectly for any damages to personal, equipment or products that may occur as a consequence of the failure of any products application because it has no direct or continuous control over where or how its products are applied. It is the user's responsibility to acquire always the updated version of datasheets.

