

MEGASEAL ACRYL

Single Component General Purpose Acrylic Sealant

Description:

MEGASEAL ACRYL is a single component, multipurpose sealant based on acrylic polymer which provides flexible sealant. MEGASEAL ACRYL is resistant to weathering with good adhesion to most porous surfaces.

Applications:

- 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.
- Weather resistance.
- 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 by adding 25% of water and then mix the contents. 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. Ensure to introduce the sealant into the joint by pushing the material firmly into the joint. Avoid formation of air bubbles and gaps. Smoothen the surface of the sealant by using a clean sponge wet with water.

Standards:

MEGASEAL ACRYL conforms to:

- ASTM C-920, Types S, Grade NS, Class 12.5

TECHNICAL PROPERTIES	
Appearance	: Paste
Color	: White (Other colors available upon request)
Solid Contents	: 100%
Density	: 1.40 kg/liter
Curing	: Evaporation
Elongation at break	: 250%
Movement	: +/- 10%
Accommodation Factor	
Application Temp.	: 10-40°C
Cure Time	: 1 week @ 25°C
VOC	: Negligible
E-modulus	: 1.10 Mpa.S
Weather resistance	: Excellent
Curing Time	: 3 mm per day
Service Temperature	: -5°C to +80°C
Water absorbency	: Minimal
Maximum joint width	: 15 mm Color stability
	: Pass

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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.

Consumption:

The approximate linear meter consumption per liter can be determined from the following formula:

$$\text{Sealant consumption per linear meter} = \frac{W \times D}{1000}$$

W= Joint width (mm), D= Joint depth (mm)

Packaging:

MEGASEAL ACRYL is supplied in 5 kg plastic containers.

Shelf Life:

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

Cleaning:

Clean tools with water before material hardens.

Health and Safety:

- Use goggles and gloves during application. Do not breathe vapor of products.
- Avoid contact with eyes or skin.

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This technical data sheet is not considered as local building codes. It shall be used as general reference for the product, based on our current knowledge and experience. However the company do not accept any liability arising from the use of its products as it has no direct control on how and where the product is applied.

