

MONNELI ACRYSEAL

Acrylic Sealant

Product Description

A single component, multi purpose sealant based on acrylic co-polymer resins which, when cures, forms a flexible sealant. ACRYSEAL sealant is resistant to abrasion and weathering and also has a very good adhesion to most porous surfaces.

Uses

ACRYSEAL is used for:

- Sealing joints around doors and windows frames, skirting, architraves, etc.
- Sealing joints subject to moderate movement of expansion and contraction
- Can be used as a crack filler in plaster or concrete

Advantages

- Single component, ready to use
- High adhesion and bonding properties
- Paintable with emulsion and alkyd paints
- Weather resistance
- Easy to apply
- Economical

Instructions for Use

Surface Preparation

Joint substrate should be sound, clean and free from loose material, or chemical products, oil or grease.

Remove or round any sharp edges or corners in order to optimize the adhesion.

Application

For porous or very dry substrates, it is recommended to dilute Acryseal with water (1:3 by volume) and apply by brush in thin coat as primer.

Allow the primer to become tack free before application of the sealants.

For neat and clean job, use masking tape around the joint edges before applying the sealant. Remove the tape immediately after the sealant is applied.

ACRYSEAL can be applied by caulking gun or a suitable putty knife or spatula. Press the sealant into the joint to ensure a firm and full contact with the joint surface and to avoid bubble trap.

Cleaning

Tools and equipment should be cleaned with water immediately after use. Hardened material should be removed mechanically.

Recommendations

ACRYSEAL is not recommended for:

- Joints having high degree of movements
- Damp & contaminated surfaces
- Heavily trafficked floor joints

Technical Data

Properties	Results
Colour	White (other colors available upon request)
Colour change	None
Density at 25°C	1.45 kg/L
VOC	7.1g/L
Full Cure	7 days
Elongation at break	250%
E-modulus	1.10 MPa
Weather resistance	Excellent
Shrinkage	< 15%
Movement capacity	± 15%
Service temperature	-5°C to +80°C
Water absorbency	Minimal
Maximum joint width	25 mm

All values are subject to 5-10 % tolerance

Applicable Standards

- ASTM C 834

Consumption

1 Kg of ACRYSEAL will fill 4.5 linear meter for a joint size of 10 mm (depth) X 15 mm (width)

Packaging

ACRYSEAL is supplied in 5kg plastic and 280ml. cartridge containers.

Storage

Store the product in dry closed place with temperature between 10 to 25°C. Storage above this temperature may reduce shelf life. The product maintains its stability for 12 months.

Health & Safety

Keep ACRYSEAL away from the source of ignition.

During application, wear appropriate protective clothing, goggles, gloves and respiratory equipment if necessary.

In case of contact with skin, rinse with water and again wash thoroughly with soap and water.

In case of contact with eyes, rinse with plenty of water and seek medical advice accordingly.

If ingested, obtain medical attention immediately. Do not induce vomiting.

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