

SUPERSEAL AC

Elastomeric, General-Purpose Acrylic Sealant

Description

SUPERSEAL AC is a single component, multi-purpose elastomeric acrylic sealant when cures form high durability flexible joint filling. It can be painted over, for the jointing of connecting and movement joints with low stress through upsetting and stretching, for interior use without constant exposure to moisture. Can be used on wall and ceiling joints, integrated elements, window frames and sills as well as for the sealing of joints between floorboards prior to levelling work and for the closing of cracks and joints in masonry or plaster.

SUPERSEAL AC has excellent resistant to UV, abrasion and weathering, and has a very good adhesion to most porous surfaces.

Features & Benefits

- Single component, Economical
- High adhesion and bonding properties to many types of substrates.
- Paintable
- UV and Weather resistance.
- Non- staining
- Good resistance to water and water vapor.
- For horizontal and vertical joints
- May be used on damp surfaces
- Easy to apply.

Uses

SUPERSEAL AC is a general-purpose sealant for low movement joints. It is used on:

- Residential, commercial and industrial buildings
- Connection joints to ceilings, integrate elements, window frames, and sills and door frames
- On masonry, plaster and concrete
- Gypsum blocks, gypsum fibre and gypsum boards.
- Sealing construction joints

Technical Properties

Appearance	Paste
Color	White (other colors available upon request)

Density	1,450 Kg/m ³ approx.
Full cure	7 days
Absorbs Movement	12.5%
Elongation	250%
E-modulus	1.1 Mpa
VOC	<5 g/L
Shrinkage	<15%
Artificial weathering	No cracking, slump or wash out
Service temperature	-5 to +80 °C
Skinning time	60 minutes
Water Absorption	Negligible
Maximum joint width	25mm

All values are subject to 5-10% tolerance

Standards Compliance

- ASTM C 834

Application Procedures

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.

For very porous surfaces or very dry substrate, it is recommended to apply primer by thinning SUPERSEAL AC by adding 25-30% of water and thin mixing the content. The primer should be applied by brush in a thin coat and allowed to become tack free prior to sealant application.

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.

Inserting the backing-strip:

A closed cell polyethylene foam-backing strip is to be used in all joints.

The width of the backing strip should be equal to the width of the joints, and the thickness of the strip should approximately equal the width. Insert the backing strip into the joints to a uniform depth.

the joint should have a depth equal to its width - (if the joints are greater than 15mm wide, the depth should be half the width).

Mixing Instructions:

SUPERSEAL AC is ready to use single component product that requires to stir the content of pail before application.

Application Instructions:

SUPERSEAL AC can be applied to fill joints up to 25mm 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. Smoothen the surface of the sealant by using a clean sponge wet with water.

Coverage

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

Packaging

SUPERSEAL AC is available in 5 kg pails.

Storage

Keep the product in dry and sheltered place at temperature between +5°C to +35°C. In these conditions and in closed original containers, the product will have a shelf life of at least 12 months.

Health and Safety

Wear gloves, goggles to avoid any contact with eyes and skin. In case of splashes in the eyes wash abundantly with warm water and consult a doctor.

For further information or particular use, contact SBI Technical Department.

Quality & Care

All products produced in SBI facilities are manufactured under a management system certified to conform to the requirements of the quality and environmental health & safety standards ISO 9001 & ISO 14001.

REV 00-9001

SALES OFFICE : Dubai, Barsha, Rasis Business Center
FACTORY : RAK, Jazerat Al Hamra

Tel.+971 4 3999927
 Tel. +971 7 2210066
 Fax. +971 7 2433821
 P.O.Box 14569

www.sbi-me.com , info@sbi-me.com