

ABAFLEX-LM ONE PART POLYURETHANE JOINT SEALANT

DESCRIPTION

ABAFLEX-LM is a one part low modulus high performance polyurethane sealant, which cures on absorption of atmospheric moisture to form a firm and flexible rubber watertight seal for moderate movement and control joints. ABAFLEX-LM can be used in both horizontal and vertical applications.

FIELD OF APPLICATION

- Concrete expansion joints
- Precast concrete cladding
- Brick cladding
- Perimeter caulking (windows, doors, aluminum frames)
- Expansion and constructions joints in water retaining structures
- Curtain wall joints
- Parapet walls

ADVANTAGES

- Highly resilient with excellent recovery characteristics
- Provides permanent and uniform watertight seal
- Excellent adhesion to most building substrates.
- Can be used without the use of primer in new substrates
- Non-toxic. Can be used in potable water reservoirs and swimming pools
- Easy to apply, one component sealant. No mixing required
- Over painting can be done (Rigid paints may crack)

APPLICATION

ABAFLEX-LM is available in a ready to use self-contained sausage which can be loaded onto a barrel gun. Start extruding the sealant into the joint firmly by maintaining an even pressure on the trigger of the gun. On vertical joints, sealant extrusion shall start from the bottom of the joint and continued to the top. Once the sealant has been installed a suitable rounded tool can be used to achieve a smooth hour glass profile.

DO NOT USE SOAPY WATER SOLUTION. Any masking tape applied should be removed immediately after the sealant is installed.

TECHNICAL PROPERTIES

Appearance	Grey thixotropic paste (white and black is also available)
MAF (%)	25
Elongation (%)	> 200
Curing rate	2-3 mm per day
Elastic Recovery	≥85%
Application Temperature (°C)	5-35



JOINT PREPARATION

The joint edges must be clean, dry and free from oil, loose particles, cement laitance and other contaminants which may affect the adhesion. A thorough wire brushing, grinding, sand blasting or solvent cleaning may be required to expose a clean and sound substrate. When applied on glazed surfaces like ceramic or terrazzo tiles or porcelain enamel joint surfaces, the glaze should be removed by abrading with sandpaper or wire brush.

Priming

On new substrates, the sealant can be applied without Primer. However, for old and very porous substrates apply ABAFLEX-LM PRIMER.

PACKAGING

600 ml sausages

STORAGE & SHELF LIFE

Store in a cool, dry place and keep away from all sources of heat and sunlight. In tropical climates, store in air condition rooms. The shelf life is up to 12 months in un-opened conditions and if stored as per recommendations. Excessive exposure to sunlight, humidity and UV will result in the deterioration of the quality of the product and reduce its shelf life.

HEALTH & SAFETY

As with all construction chemical products caution should be exercised. Adequate ventilation should be providing at the place of work. Refer the product MSDS for full details. Protective clothing such as impervious gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately. MSDS is available at ABADGARAN website.

TECHNICAL SERVICE

The ABADGARAN INTERNATIONAL GROUP Technical Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

