

MAK POLY SEAL

A Two Pack Polysulphide Sealant Gun Grade And Pouring Grade

Description

Mak Poly Seal is a two pack Polysulphide based Sealant with two available grades. After mixing two packs, the mixed material provides a strong and highly elastic sealant through cross linking process. Mak Poly Seal - Gun Grade, gun applied or non sag type for vertical and inclined expansion contraction joints AND Mak Poly Seal – Pour Grade- Pouring type for horizontal joints. Standards : Complies with DIN 18540, US Fed. Spec 77-S-00227E and British Standard BS: 4254: 1983. It also conforms to IS 12118-1.

Uses

Mak Poly Seal - Gun Grade is used both in vertical and inclined expansion/contraction joints in all types of building and civil engineering constructions such as Retaining Walls, Water Retaining Structures, Underpasses, and Tunnels, Basements, Precast Concrete Elements, Bridges, High and Low rise buildings and wherever a permanently flexible seal is required.

Mak Poly Seal – Pour Grade is designed specially for runways, subways, rigid pavements etc. i.e. for horizontal expansion/contraction joints.

Special Features

1. Excellent adhesion to many substratas
2. High Movement Capability
3. Good Chemical resistance
4. Long Lasting elasticity
5. Easy to pour on horizontal joints with Mak Poly Seal Pouring grade.



Joint Desing

Minimum Joint depth : 10 mm
Maximum Joint width : 40 mm
Width : depth ration : 2:1

Movement Capacity

Expansion/Contraction : 20 to 25%
Shear Movement : 20%

Colour

Pack A is white and Pack B is black to dark brown in colour.

Application

Surface Preparation : All surfaces must be clean, dry and free from any loose particles. Correct joints depths can be determined by inserting polyethylene foam or compressible board tightly into the joint, Where joints have been treated with fibre filler board they should be raked back to the required depth and a bond breaker tape be inserted. Protect surfaces with a masking tape.

Chemical Resist

Aviation fuels, Kerosene, Diesel, Petrol, Lubricating Oils, White Spirit, Dilute acid and Alkalies.

Technical Data

Density	1600 Kg/M ³ (Mixed material) at 30 ±20 C Shore 'A' Hardness : 20-25
Service temperature	40°C to 80°C
Application temperature	5 °C to 45°C
Shrinkage	-1%

Mixing

Both Pack A & Pack B are premeasured. NO PART MIXING IS ALLOWED. Use Pack A: Pack B together. Use suitable instrument for mixing. Mix for 8-10 minutes or until smooth and homogeneous material results. Pour the mixed sealant into the joints without trapping or tool off with a spatula to a lightly concave profile. Remove masking tape.

Packing

In 1 kg & 4 kg pack

Mak Poly Seal Primer

Mak Poly Seal Primer is a single pack product and recommended for use to make the surface compatible with sulphide. It contains solvent & is highly inflammable. Naked flame should not be used nearby. Available in 250 ml & 500 ml and one litre Pack

Storage

- 1) Keep dry and away from extremes of heat
- 2) 12 months if kept unopened.

Coverage

8-10 M² depending upon surface

Warranty

Mak Poly Seal is guaranteed against any manufacturing defect. No liability can be accepted by us as suggestions and recommendations that are laid here are based on our practical working experience only.

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[AN ISO 9001 Certified Company]

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