

POLYSEAL-201

POLYSULPHIDE SEALANT

DESCRIPTION:

Polyseal-201 is a two component Polysulphide joint sealant, based on high grade synthetic rubber, having outstanding resistance to UV Light, chemical attack, industrial/atmospheric pollution etc. It can endure expansion and contraction due to temperature variations on various substrates.

ADVANTAGES:

- ✓ Can be applied in joints ranging from 10mm-50mm
- ✓ Withstands repeated cycles of expansion and contraction
- ✓ Excellent adhesion to almost all surfaces: metal, glass, masonry etc.
- ✓ Ideal for joints subjected to high hydrostatic pressure
- ✓ Excellent resistance to heavy and high traffic movements
- ✓ UV Resistant
- ✓ Resistant to mild spillage of diluted acids, petrol, diesel, aviation fuel, kerosene, oils etc.
- ✓ Available in 2 grades for vertical and horizontal surface applications.

AREAS OF APPLICATION:

Polyseal-201 is used in expansion joints in reinforced concrete structures such as bridges, expressways, reservoirs, runways, basements, subways and water retaining structures.

SPECIFICATIONS:

Base	Polysulphide
Colour	Grey
Appearance	Rubber Mass
System	Two Component (Resin: Hardener, 92:8 by weight)
Solids	100%
Drying Time:	
Surface Dry	2-3 Hours
Hard Dry	10-12 Hours
Full Cure	7 Days
Pot life @ 30° C.	2-3 Hours.
Elongation	52%
Resistance to Heat	Upto 110° C.
Cold Resistance	<200%
Hardness	35 +/-

SURFACE PREPARATION:

Concrete and Masonry: Surface must be clean and dry. Wire brush thoroughly and remove dust and all contaminants and any previous treatments, insert backup material and bond breaker where required to ensure the right ratio of 2: 1. The depth should not exceed the width of joint. Apply primer coat of **EPOXYBOND-600** on prepared surface highly porous surface may need second coat of primer.

Metal: Remove any corrosion or mill scale by grit or shot blast. Wire brush, grinder or chemical remover. Degrease the surfaces with clean cloths soaked in **Sparklean**.

Wood (Bare): Wood surfaces must be clean and dry. Cut back or abrade where necessary to sound timber.

Glass and Glazed Materials: Thoroughly clean the surfaces with clean cloth soaked in **Sparklean**.

Coated Surfaces: Where feasible coatings should be removed and the surfaces treated as above.

METHOD OF APPLICATION:

Mix Resin & Hardener as supplied thoroughly. Do not split packs. Mix thoroughly with aid of electrical mixer or by hand for at least 10 minutes until a complete homogenous mix is attained. Improper mixing will result in uncured sealant. The sealant is designed to be applied by gun or using a trowel or spatula. Deeper joints to be filled in two or more operations to prevent entrapment of air. Once the sealant is applied it should be compacted into the joint using a lubricated tool/spatula with soapy water to attain a good finish. Any masking tape used should be removed before sealant is cured.

CLEANING OF TOOLS:

Clean hands, tools etc. with **EPOXYTHIN** only. The use of gloves and barriers' cream is also recommended.

PACKING:

Available in 1 & 5 Kgs.

SAFETY PRECAUTIONS:

Protective gear such as gloves and goggles should be worn when handling the product. Treat any splashes to the skin or eyes with fresh water immediately. Should the product be accidentally swallowed, do not encourage vomiting, but call for immediate medical assistance. Ensure that the container is available for medical attendant to examine any relevant instructions and content details.

WARRANTY CLAUSE: The product incorporated and sold is without Warranty expressed or implied, including warranty of Merchantability and fitness for use of this material and upon condition that purchaser shall make the own test to determine the suitability and quality of such products for their particular purpose. The user assumes all risks of use and handling, whether or not in accordance with any statement of the supplier. Supplier's liability if any, for any action arising out of the material being supplied shall be limited to only replacement of material.