



BONDIT TUFF SEAL

Complete Building Solutions

WWW.BONDIT.IN



BONDIT TUFF SEAL

Polysulphide Sealant For Expansion Joints

DESCRIPTION

BONDIT TUFF SEAL is specially formulated premium grade two component polysulphide sealant conforming to BS and DN standards, is widely used in building industry for sealing expansion joints for highest performance. BONDIT TUFF SEAL can be used for sealing joints in diverse construction material like glass aluminum /steel cladding, tiling, tanks and water retaining structures.

ADVANTAGES / BENIFITS

BONDIT POPLY SEAL has exceptional weathering characteristics with resistance to rain, heat, snow and UV rays. BONDIT TUFF SEAL is low shrinkage and quick setting with exceptional bond strength to any surface. BONDIT TUFF SEAL has superior joint movement accommodation with strong adhesion to most building materials, it is chemically resistant to water, oil and solvents. The mixed sealant has the following setting and curing time

CHARACTERISTICS

| | |
|-------------------------|---|
| Colour | Dark Brown |
| Specific gravity | 1.6 kg per litre |
| Physical appearance | When the base is mixed with hardener the cured paste turns in to a grey colored rubbery mass. |
| Application temperature | Can be applied in the temperature range of 5°C to 45°C |
| Workable temperature | -40°C to 80°C 2 hours after mixing with curing agent Pot life |

DIRECTIONS FOR USAGE

BONDIT POPLY SEAL can be used on thoroughly cleaned and primed surface with BONDIT POLY PRIME. proper care has to be taken while preparing the surface like removing of dust, loose particles, rust, protective lacquer, oil and grease with suitable solvents / cleaners for proper adhesion of primer to surface which gives perfect and strong adhesion of the

DIRECTIONS FOR USAGE

Back up material must be used to prevent the sealant sticking to the back of the joint the ideal ratio is 2:1, the suitable back up materials are foamed polyethylene rods or strips / neoprene sponge or rods. Masking tape may be used for neatness and good finishing of the sealant. Remove the tapes as soon as the sealant is applied and tooled

| Approx. Setting Time | Approx. Curing Time |
|----------------------|---------------------|
| 72 hours @50°C | 8 weeks @5°C |
| 36 hours @15°C | 4 weeks @15°C |
| 18 hours @25°C | 2 weeks @25°C |
| 8 hours @35°C | 8 days @35°C |

MIXING

BONDIT TUFF SEAL is a two part sealant includes base and curing compound ready to mix and use on site. Pour the curing agent slowly in to the base while mixing with a low speed mixer or by hand with less than 300 RPM speed until a uniform color is obtained. Use a stainless steel spatula for tooling the sealant which will break the air bubbles so that no voids remain in the joint and gives good adhesion to the sides of the joint.

SUPPLY

BONDIT POLY SEAL supplied in 3 kg standard tin packing.

SHELF LIFE

ONE YEAR

PRECAUTIONS

BONDIT TUFF SEAL curing agent contains heavy metal oxides, contact with skin should be avoided. Hands should be washed properly, empty containers should be disposed off carefully

The primer BONDIT POLY PRIME is highly inflammable, must be stored away from heat and naked flame, prolonged inhalation should be avoided, any splashes must be washed off immediately with plenty of water, In case of eye contact wash with plenty of water and seek medical attention

TECHNICAL SUPPORT

Technical information and guidance regarding BONDIT range of admixtures , repairs and bonding , water proofing systems , epoxy industrial flooring systems etc, will be available from the technical services department , BONDIT CONSTRUCTION CHEMICALS PVT LTD.

IMPORTANT NOTE

BONDIT CONSTRUCTION CHEMICAL PVT LTD.ADDRESS:

Office No. 3&4, Sai Prithvi Arcade, 1st Floor, Above Bata Showroom, Main Road, Madhapur, Hyderabad, Telangana +919848051034

service@bondit.in BONDIT products undergo high standard quality checks and every reasonable precaution is taken in the manufacture of all products. BONDIT continuously strive to ensure the products, recommendations, specifications & information given is reliable, correct and accurate. No specific guarantee can be assured as product performance depends not only on quality but also on many other factors which are not under our control. The customer should make his own trials to determine the compatibility of the product for his own purpose. All products are sold subject to our standard terms and conditions of sale.

BONDIT CONSTRUCTION CHEMICAL PVT LTD.

Office No. 3&4, Sai Prithvi Arcade, 1st Floor, Above Bata Showroom
Main Road, Madhapur, Hyderabad, Telangana



+919848051034



service@bondit.in