

Tri – BITU JOINT

Hand applied polymer bitumen modified sealant

Description

Tri- bitu joint is a polymer bitumen modified sealant require heating to be workable. and it is suitable for sealing joints, including low movement expansion joints, in retaining walls, basements,



Uses

- As joint sealant for water retaining structure. In concrete flooring unit structure.
- Subways and basement structures Sewage disposal works.
- Irrigation canals, sea walls.

Advantages

- Easily applied by hand.
- Suitable to joint immersion in water. Excellent slum resistance.
- Tough and weather resistance. Suitable for joint up to 40mm wide

Technical Data @°25c

Penetration @25 oC	70 - 90 dmm
Application Temperature	+5 oC ≤ T ≤ + 50 oC
Movement accommodation	10 %
Specific gravity	1.5 ± 0.05 kg / L
Initial setting time	24 hrs.
Heating	20 – 70 oC by placing in a field oven or in boiling water bath till to be soft and can be easily used. Not by direct heat.

Directions for use

Joint preparation

The joint surfaces must be thoroughly dry, clean and frost free.

Remove all dust and laitance by rigorous wire brushing grinding or grit blasting. Remove all rust, scale and protective Lacquers from metal surfaces.

To joint depth and to provide a bond limit breaker, closed cell polyethylene such as **Tri-b-acking Rod** should be used, and be a minimum of 25% larger than joint width to ensure that it is maintained in the joint during movement.

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Using of a surface primer is always required on porous surfaces. on non-porous surfaces a primer is not normally required except where glass or glazed surfaces are to be permanently immersed in water.

Tri- bitu joint should be used as a primer on porous surfaces.

one thin coat should be applied using a clean dry brush ensuring complete coverage.

Tri- bitu joint must be applied when the primer is tacky.

Iron and steel must be protected with an anti-corrosion primer prior to sealing

Take a convenient quantity of heated material and mould by hand into a strip then push this well down into the cavity to fill all crevices.

Ensuring good contact with the sides and bases of the joint.

Heat a stripping knife and, working along the joint, cut away excess material to present a neat finish.

Cleaning

Clean up equipment immediately after use with thinner or white spirit.

Package

Tri- bitu joint 25 Kg

Shelf Life

Tri- bitu joint has a shelf life of 24 months at normal house conditions. At temperature range from 5 °C to 35°C

Storage

Store the material in a cool, covered dry place. Do not expose the pails to Direct sunlight and keep away from all sources of heat.

Fire

Tri- bitu joint and white spirit are flammable. Do not expose to naked flames or other sources of ignition.

Health and Safety

Tri- bitu joint and white spirit should not come in contact with skin and eyes or be swallowed.

Avoid inhalation or vapors and ensure adequate ventilation. In case of contact with eyes rinse immediately with plenty of water and seek medical advice

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