

CAP BITUSEALANT

COLD APPLIED BITUMINOUS RUBBER MASTIC JOINT SEALANT

DESCRIPTION

CAP BITUSEALANT is a single component, solvent based bitumen rubber mastic joint sealant. The sealant on curing forms a tough and flexible seal and it has excellent adhesion to concrete, brickwork, asphalt and most construction material substrates. CAP BITUSEALANT suitable for horizontal application.

COMPOSITION

CAP BITUSEALANT is a blend of rubber and high quality bitumen carried in a hydrocarbon solvent to improve the application properties. Black in color and exhibiting a non-slump consistency it cures by solvent release, to form a tough flexible waterproof seal.

USES

- CAP BITUSEALANT is ideally suited for sealing and filling gaps and joints on roofs, pointing horizontal chases for waterproofing membranes and felts.
- Sealing around roof/wet service pipes. pointing between brickwork and roof flashings.
- Sealing cracks in asphalt and concrete pavements. filling horizontal joints in concrete and asphalt where movements are not expected.

ADVANTAGES

- Flexible joint sealant
- Stability at high ambient temperatures
- Excellent adhesion, strong durable bond
- Single component.

DIRECTIONS FOR USE

Surface preparation

Surface must be free from all dirt, dust and loose material. Any oil and grease contamination must be removed completely. The surface must be made dry prior to the application of the sealant.

Masking

Prior to application of primer and sealant, apply masking tape to the adjacent sides of the

joints for getting a neat finish and to avoid the spilling over of the sealant on the edges.

Priming

Under normal circumstances priming is not required. However, for very dry and porous surfaces, it is recommended to apply one coat of a solvent based bitumen primer (**Prime-guard**)*. Similarly for joints subjected to continuous immersion, priming is recommended.

Application

The sealant can be applied by means of a spatula or trowel. As the product is solvented, it is recommended to mix the contents of the pail with a paddle mixer for a few minutes prior to the application to ensure a homogenous mix. Immediately tool the joint with the spatula or putty knife to smoothen and compress the sealant to effect total contact with joint surfaces. The putty knife shall be moistened with a cleaning solvent to prevent the sealant to adhere to the knife and ensuring a smooth and neat finish. Where masking tape has been employed to keep building surfaces clean, it is advisable to remove them at the moment the sealant filling is completed.

CURING TIME

The sealant cures on solvent release. The initial surface skinning will occur within 18-36 hour, however full cure depends on relative humidity. a 10mm depth of seal will typically cure within 10-20 days @23°C @50% RH.

CLEANING

Tools and equipment should be cleaned immediately after use with a cleaning solvent. Hardened materials can be cleaned mechanically only.

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PACKAGING

CAP BITUSEALANT is supplied in 20kg pails,

STORAGE & SHELF LIFE

The pails and drums must be stored in a covered, dry and shaded area, away from direct sunlight, UV and other sources of heat and protected from extreme temperatures. The shelf life of the product is up to 12 months if stored as per the recommendations. Excessive exposure to sunlight and UV will result in the deterioration of the quality of the product and reduce its shelf life.

HEALTH & SAFETY

CAP BITUSEALANT contains petroleum distillate, is flammable. Keep away from fire, sparks or other source of ignition. Wear protective clothing, rubber gloves, mask and safety goggles.

1.Fire – Flammable when unset.

2.Skin – Avoid repeated or prolonged contact. Remove bitumen stains with a suitable cleaner that is able to remove oil or grease and then clean with soap and water.

3.Eyes –Contact could cause irritation. Flush with copious amount of clean water. Seek immediate medical attention.

4.Inhalation – Can cause dizziness. If difficulty in breathing persists, seek immediate medical advice.

COVERAGE

Yield will be 14.3 litres per 20 kg pack.

TYPICAL PROPERTIES

| PROPERTIES | VALUES |
|---------------------------------------|---|
| Color | Black |
| Form | Paste |
| Solids content, [%] | ≥85 |
| Slump | nil |
| Density, [g/cc] | 1.4 ± 0.05 |
| Initial set @ Standard condition(hrs) | 10-24 |
| Full cure @ standard condition [days] | 10-20 days (10mm) |
| Chemical resistance | sea water, chlorides and sulphate ions. |
| Service temperature, [°c] | 0 to 80 |
| Application temp,[°c] | 5 to 40 |

(All values given are subject to 5-10 % tolerance.)

TECHNICAL SERVICE:

Our Technical Service Department is available at any time to advise you in the correct use of this product or any other Ahlia products.

Note : The information presented herein is based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control.

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