



SOLIDFLEX BITUPRIME

Rubberized Bitumen Emulsion Coating



BENEFITS

- > Cold applied.
- > Single component, easy to apply.
- > Can be applied on damp substrates.
- > Dual advantage of curing as well as protection of concrete.
- > Can be applied in closed and confined areas.
- > Good resistance against chlorides and sulphate ions.
- > Has good adhesion to most building substrates.
- > Seamless / joint free.

DESCRIPTION

SOLIDFLEX BITUPRIME is an emulsified rubber modified bitumen coating, which dries to form a tough, seamless, flexible vapour proof protective coating. **SOLIDFLEX BITUPRIME** conforms to the requirement of **ASTM D 1227-Type III, class 1**. **SOLIDFLEX BITUPRIME** can be used for variety of applications including protective coating on concrete foundations, curing compound on freshly cast concrete structures, dampproof membrane in sandwich constructions and vapour proof barrier coating for interior and exterior floors and walls.

USES

SOLIDFLEX BITUPRIME can be used for wide variety of applications which includes the following:

- > Protective coating on concrete foundations.
- > Curing compound on freshly cast concrete structure
- > Damp proof membrane in sandwich constructions.
- > Vapour proof barrier coating for interior and exterior floors and walls.

PACKING & COVERAGE

SOLIDFLEX BITUPRIME is supplied in 18 kg plastic bucket. **SOLIDFLEX BITUPRIME** coverage varies on the type of usage:

- > General use : 0.4 kg / m² / coat

SHELF LIFE & STORAGE

SOLIDFLEX BITUPRIME must be stored in a covered area, away from direct sunlight, UV and other sources of heat. **SOLIDFLEX BITUPRIME** will have a shelf life of 12 months when stored as per recommendations. Excessive exposure to sunlight, UV and other sources of heat will result in considerable deterioration of the product and reduce its shelf life.



HOW TO USE

Stir the contents of the drum thoroughly before application to remove all sediments. Depending on the dry film thickness required, apply the rubberized bitumen coating at 0.4 kg / m² / coat. On vertical areas, it is recommended to apply the coating in multiple layers in order to avoid sagging of the heavy bodied coating. Subsequent coats shall be applied only after the previous coat. Clean dry sand may be broadcasted onto the wet coating to provide a key for the subsequent coats and achieve a greater dry film thickness. The coating should be applied and finished up to the DPC level. If a plaster or cement render is to be applied on the bitumen coated surface, clean dry sand shall be broadcasted on the coating whilst it is still wet. Leave the coating for curing for a minimum period of 48 hours before applying any protection board or backfilling. Care shall be taken to ensure that the second coat is not punctured during the application of the second coat. However, if the coating is damaged, the area can be readily over coated provided the surface preparation is done properly.

SOLIDFLEX BITUPRIME



TYPICAL PROPERTIES

| PROPERTIES | VALUES | TEST STANDARDS |
|---|----------------------------|----------------|
| Form | Thixotropic viscous liquid | |
| Color | Dark brown | |
| Density (g / cc) | 1.02 ± 0.02 | ASTM D 2939 |
| Solid Content (%) | 60 ± 5 | ASTM D 2939 |
| Rubber Content (%) | >10 | |
| Elongation (%) | >30 | ASTM D 412 |
| Drying Time (min) | 60 | |
| Curing Efficiency (kg/m ³) (water loss) | < 0.50 | ASTM C 309 |
| Service Temperature (°C) | -5 ~ 75 | |

QUALITY ASSURANCE

SOLID manufactures the entire range of construction chemical under compliance of SIRIM and other international standards (ASTM, BS, GBI, LEED).

TECHNICAL SERVICES

While new advance and changes will take place but one thing will never change is quality and meeting special needs of our customers. Our technical personnel and experts are available to provide additional information and technical assistance. We are eager to work with you in development of new product and resolve your problem.

Disclaimer : The information provided in the data sheets is based on both current development of work and years of field experience. Efforts are made to ensure that the information is reliable, however, we cannot accept the responsibility for any work carried out with our materials as we have no control over methods of application, site conditions etc. In view of continuing research and development (R&D) undertaken in our laboratories, we advise customers to ensure that the data sheets provided are not superseded by an updated publication. All products are sold are subject to our standard condition of sale, which is available on request. Field services, where provided, does not constitute supervisory responsibility. For additional information, please contact our local SOLID representative.



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