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TECHNICAL DATA SHEET

DOLPHIN BITUMINOUS WATERPROOF COATING

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PRODUCT DESCRIPTION

Dolphin Bituminous Waterproof Coating is High performance cold applied single component coating system, specially designed from a blend of special resin and rubber, reinforced with special water repelling fillers, minerals stabilizer and gelling agent. **Dolphin Bituminous Waterproof Coating** can be applied over several types of substrates as waterproofing and protective coating.

TECHNICAL PROPERTIES



Properties	Test Method	Specifications
Color	Lab Test	Visually Black
Appearance	Lab Test	Visually Smooth Paste
Curing Time	ASTM D 1475	48 (Approx.) Hours
Specific Gravity	ASTM D 2196	1.10 ± 0.15 g/cm ³
Viscosity @ 25°C, S6, RPM-20	Lab Test	100000 – 120000 cPs
Shelf Life	Lab Test	12 Months
Water Permeability	Lab Test	Almost zero

Note:

* Curing time (Skin Over Time & Tack Free Time) may vary depending on climatic condition during application.

(Information on this data sheet is subject to change without prior notice and should not be used for writing specifications)

TYPICAL USES

- Waterproofing and protection for wet areas, kitchens, and substructures
- Vapor barrier coating for walls and floor, Waterproofing system for shaded or tiled roofs
- Waterproofing for polyurethane foam slab, waterproofing for polyester built up roofs, Maintenance of existing roofs, masonry, and concrete walls
- Recommended for both horizontal and vertical applications

KEY FEATURES

- Single component, easy to apply, no need for mixing or heating, saved labor costs
- Elastomeric bridge minor cracks which may occur in concrete substrate
- High tensile strength and elongation
- Excellent adhesion to substrate
- Highly elastic product and cures to rubber like membrane
- Can withstand severe causes of expansion, contraction, and deck movements
- Highly resistant to oxidation, UV light and ozone
- Non-cracking
- Resistance to peeling, chipping and/or separation and longer life
- Suitable for metal substrate

Preparation	The surface must be thoroughly cleaned and should be free of dirt, gravel, dust, and oil. The concrete should be dry and smooth. Concrete shall be at least 28 days old, fully cured and well dry. All holes shall be repaired by proper cementitious mortar prior to application.
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Application Instruction	Application surface should be dry and dust, rust, and grease-free. Also, Concrete surface must be at least 28 days old and fully cured. Primed the surface if it's extremely porous or uneven otherwise no primer is needed. For primer, dilute Dolphin Bituminous Waterproof Coating with 25% water and apply it on the surface either, with the brush or with a spray gun. Allow the primer to dry completely. Two coats are suggested to achieve the best result. It is recommended to ensure that each coat is completely cured before the next coat is applied. Apply 2nd coat at 90° angle of 1st coat and allow it 48hrs for curing.
Packaging	Dolphin Bituminous Waterproof Coating is available in 5 kg bucket, 10 kg bucket and 20 kg bucket.
Storage and shelf life	Store away from sunlight and preferably below 30°C. Storage should be frost protected. Dolphin Bituminous Waterproof Coating has 12 months shelf life if stored in required conditions.
Health and safety	As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles should be worn. Inhalation of vapor or mist should be avoided. If inhaled symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency medical help. In case of eye contact, flush eyes with water for 15 minutes and call for medical help. Ingestion causes nausea, vomiting, and loss of consciousness. If accidentally swallowed do not induce vomiting rather call for medical help immediately. For skin contact, flush with water or soap and water until all traces have been removed. Seek medical attention if required.

KEEP OUT OF REACH OF CHILDREN • KEEP CONTAINER TIGHTLY CLOSED • FOR INDUSTRIAL & PROFESSIONAL USE

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