



BM Coat – 6015

Rubberised Waterbased Emulsion

DESCRIPTION

BM Coat – 6015 is a Rubber Modified Bitumen Emulsion Coating. After the field has been emulsified, the water evaporates and the emulsifier with traces of bitumen in the surface dries to form a tough, seamless, flexible water proof coating. It conforms to the requirement of ASTM Standard.

FEATURES

- Cold applied
- Simple to apply
- Provides good adhesion to a wide array of building substrates
- Can be applied on damp substrates
- Outstanding resistance against chlorides and sulphate ions
- Water based and Non flammable
- Can be applied in closed areas
- Forms a seamless and joint free protective coating

APPLICATION

BM Coat – 6015 is used for a wide range of application which includes the following:

- Water proof coating for sunken portions and water bodies
- Protective coatings for Concrete foundations
- Damp proof seamless membrane coating for concrete external roofs
- Vapor proof barrier coating both for interior and exterior floors and walls
- Primer coating for Concrete sloped roof before aesthetic singles roofing

The temperature during the application should be between 5 - 45°C. Surface should undergo a thorough cleaning to make it free from contaminants such as dust, fine sand, oil and greases. Surface imperfections and protrusions like nails, sharp stone edges, voids, etc. are undesirable.

Priming: Applying a priming coat prior to the application of the Regular **BM Coat - 6015** coating on the substrate is suggested. The primer can be prepared on the site by diluting **BM Coat - 6015** with 15% water. Apply two coats of this primer on extremely dry and porous substrates. The primer can also be applied to damp or freshly cast concrete surfaces. However, it should not be applied on waterlogged or flowing water areas. Allow the primer to dry completely before regular coating.

Foundation damp proofing: Stir the contents of the pail/drum thoroughly before application. Depending on the dry film thickness required, apply the rubberized bitumen emulsion coating @1–4m²/kg/coat. Apply subsequent coats only after the previous coat dries off completely and shall be applied at right angles to the previous coat. Leave the coating for curing for at least 48 hours before applying any protection board or backfilling. Keep a check on the damages during



the second coat or protection layer fixing. In case the coating has been found damaged, the area can be readily over coated provided the surface preparation is done properly.

Protection: Protect **BM Coat - 6015** coating from getting damaged due to the ongoing site activities and during backfilling. Coating laid on horizontal surfaces can be protected either by a cement sand screed (30-50mm thick) or by an asphaltic protection board or Non-woven Geotextile fabric.

TECHNICAL DATA

PROPERTIES	VALUES	STANDARD
Form	Thixotropic Viscous Liquid	Visible
Color	Dark Brown	Visible
Density [g/cc]	1.06± 0.02	ASTM D2939
Solid Content[%]	60	ASTM D2939
Rubber Content [%]	>15	-
Elongation[%]	>1000	ASTM D412
Tensile Strength [N/mm ²], dry film	>1.5	ASTM D882
Drying Time[Hrs]	24	
Curing Efficiency [Kg/m ³](water loss)	<0.50	ASTM C309
Application Temp. [°C]	5 to 45	-
Service Temp. [°C]	-5 to 60	

All values given are subject to 8-10% tolerance.

COVERAGE

The coverage differs depending on the surface condition: Coverage: 4m²/kg/coat will give dry film thickness of 125 microns.

CLEANING

Use water to clean all the tools immediately after the application. Hardened material can be cleaned with a solvent.

STORAGE

The pails/drums must be stored in a covered area. Keep off the direct sunlight, UV and other sources of heat. The shelf life of the product is up to 12 months from the date of production. Excessive exposure to sunlight and UV may lead to deterioration of the product and thus subsequently reduces its shelf life.



HEALTH AND SAFETY

Protective clothing such as gloves and goggles should be worn at all times when handling the coating. In case of any splashes on the skin or eyes immediately wash off with fresh water. Should any of the products be accidentally swallowed, do not induce vomiting. Call for medical help immediately.

CAUTION

Do not freeze. Avoid prolonged contact with skin. Avoid contact with eyes. Do not consume internally. Keep out to reach of children.

SUPPLY

15kg pail, 20kg pail, 140kg steel drum and 200kg steel drum.