

Novo Mul AE

Data Sheet

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Anionic Bitumen Emulsion Water proofing with Low Viscosity

DEFINITION

Novo Mul AE is an Anionic bitumen emulsion. It is supplied as a brownish black liquid, high-quality asphalt emulsion tack coat for pavement bonding applications.

Novo Mul AE is a specially-designed product for ensuring a uniform and strong bond between layers of asphalt in road construction and for maintenance purposes.

Novo Mul AE is high quality water proofing emulsion bitumen.

Novo Mul AE complies with ASTM – D - 977

ADVANTAGES

- Easy and uniform spray.
- Good penetration, due to the small partial size 5 – 10 microns.
- Enhance structural strength of layers.
- Prevent lateral movement of structural layers.
- Water resistant and enhances shedding of water.
- Provide an impervious layer to prevent water ingress from the possible water table below.
- Create a bond between existing surface and a new course of asphalt.
- Surface to be paved.
- Less consumption in application than cutback.
- No specified temperature to spray.
- Good quality water proofing.
- Non hazards.

FIELDS OF USE

Novo Mul AE is a brownish-black emulsion of bitumen that is applied to the prepared, existing surface before placing new hot mix asphalt. The tack coat bonds to the original layer then the new hot asphalt, when it is placed, bonds to the layer of emulsion creating a monolithic pavement structure. Creating this bond also helps in preventing water intrusion that can create potholes damp.

PHYSICAL PROPERTIES @25 C°

DISCRIPTION	VALUE
Appearance	Brownish Black liquid Drying to black film
Density	(1.00 ±0.03) kg / L
Bitumen content by WT	60 ± 2 %
Drying time	1-2 hrs. (with tacks)
Time Between coats	3 – 4 hours

SURFACE PREPARATION

Clean the surface with broom or with air pressure make sure that the surface is free from dust and loose particles.

APPLICATION

Novo Mul AE should be mixed well before use **Novo Mul AE** should be applied using well-calibrated distributors to spread as evenly as possible to achieve optimum coverage.

PRECAUTION / LIMITATION

- **Novo Mul AE** shall not be applied when the ambient temperature is below 10° C or when rain is imminent.
- Traffic should be kept off the treated surfaces until the product has penetrated and the surface is no longer tacky. There should be no pickup of the treated materials on shoes or tires.

COVERAGE

- 4- 6 m² / kg /coat (depending on the surface condition and type)
- Should do a test area to check the level coverage

STORAGE CONDITIONS

- Best stored at room temperature in dry conditions.
- Avoid humidity, cold freezing conditions and off concrete floors.
- Do not store in direct sunlight. (10 – 30) C°
- Must be stored where temperatures do not drop to +5°C.
- If product has frozen, thaw and agitate it until completely reconstituted.

PACKAGES

- Drum : 200 kg
- Cubic : 1000 kg

SHELF LIFE

6 months in original unopened packaging

PRECAUTIONS & SAFETY

- **Novo Mul AE** does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes.
- Suitable protective gloves and goggles should be worn.
- Splashes on the skin should be removed with water. In case of contact with eyes, rinse immediately with plenty of water and ask for medical advice.
- If swallowed seek to medical attention immediately do not induce vomiting.