

Water proofing & Coating-Bitumen Emulsion High Viscosity**Definition**

Novo Bit 1: water proofing based on emulsion bitumen.

Novo Bit 1: is a high performance waterproofing applications over concrete and masonry surfaces.

STANDARDS:

Novo Bit 1: Complies with ASTM D -1227 Type 111

Advantages

1. Cold and easy apply
2. Economy Waterproofing compared with hot type.
3. High water proofing to water , mouser and vapors
4. High resistance to aggressive salts
5. Applied on dry and damp surfaces
6. Good adhesion on the surfaces
7. Flexible and good crack bridging properties
8. Can be applied by brush, roller and trowel on horizontal and vertical surfaces.
9. Not contain solvent so no solvent odor and not need special health precaution during application

Field of Uses

- Protective for Foundations, Basement walls, internal and external sides Lift pits Podiums, terraces, general external wet areas underground structures Waterproofing system over concrete blocks, brick, masonry, Waterproofing under tiles and pavers in external areas Sandwich sealing between existing and new.
- Anti-rust coating for machines and others steel elements.
- Used as adhesive for plastic sheets
- Used to produce elastic screeds, plastering cement mortars with high resistance to rising damp.

Physical Properties @25 C°

| Discretions | Value |
|--------------------|--|
| Appearance | Brown/Black liquid Drying to black film |
| Density | (1.10 ±0.03) kg / L |
| Bitumen content | 1-2 hrs. (with tacks) |
| Drying time | 67 ± 3 % |
| Time Between coats | 3 – 4 hours |

Surface Preparation

1. Remove dust, oil, grease, loose materials & Paints which may affect adhesion with the substrate.
2. Moisten the surface with clean water prior to the application.

Directions of Use**Mixing before use**

Novo Bit 1: should be mixed well before using to obtain homogenous liquid.

Applications:

- Apply primer of **Novo Bit 1** (by diluting **Novo Bit 1** 25- 30 % with clean water) to close the porosity of concrete.
- Apply the first coat the 1ST coat and leave to be tacky.
- Apply the 2nd coat in crosswise direction to the 1st one.

Novo Bit 1: can be diluted with clean water 10 -20% if required to facility the application.

Coverage

4 - 6 m² / kg / coat (depending on the surface condition and surface type)

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.

Shelf Life

6 months in original unopened packaging

Precautions & Safety

- **Novo Bit 1:** is non - flammable, wash any splashes to the eyes immediately with water, and medical advice should be consult.
- Wear protective cloths, gloves, glasses and face protection.
- For skin contact, remove it with suitable cream and followed by soap and water cleaning.