

**Water proofing & Bitumen Emulsion with High Viscosity.** complies with ASTM C309-93

## DEFINITION

**Novo Proof 100 HB** is a waterproofing based on emulsion bitumen.

**Novo Proof 100 HB** is a high-performance waterproofing that applied over concrete and masonry surfaces.

## STANDARDS

**Novo Proof 100 HB** is complied with ASTM C309-93

## ADVANTAGES

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

## WATERPROOFING 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 where sealing is stuck in between existing and new.
- Anti-rust coating for machines and other 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°

DISCRIPTION	VALUE
Appearance	Brown/Black liquid Drying to black film
Density	(1.12 ±0.03) kg / L
Solid content	52 ± 3 %
Drying time	1-2 hrs. (with tacks)
Time Between coats	3 – 4 hours

## SURFACE PREPARATION

1. Remove dust, oil, grease, loose materials & paints that may affect adhesion with the substrate.
2. Moisten the surface with clean water before applying.

## DIRECTIONS OF USE

### Mixing before use

**Novo Proof 100 HB** should be mixed well before using to obtain homogenous liquid.

### Applications:

- Apply primer of **Novo Proof 100 HB** (by diluting **Novo Proof 100 HB** 15- 30 % with clean water) to close the porosity of concrete.
- **Novo Proof 100 HB** may be applied by brush, or spray.
- It is recommended that one or two coats should apply, depending on protection level required.
- **Novo Proof 100 HB** can be diluted with clean water 10 -20 % if required to facilitate the application.

## NOVOCHEM S.AE

المقر الرئيس والمصنع

91.102.103 الجيزة - مدينة السادس من أكتوبر - المنطقة الصناعية الثالثة - بلوك 91,102,103

Headquarters and Factory

Egypt - Giza - 6<sup>th</sup> of October City - 3<sup>rd</sup> Industrial Zone - Blocks 91,102,103

Tel. : (+202) 369 182 33

Fax: (+202) 369 182 32

 www.novochem.net

 info@novochem.net

  Novochem



## COVERAGE

- 4- 6 m<sup>2</sup> / kg / coat (depending on the surface condition and 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. (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.

## SHELF LIFE

6 months in original unopened packaging.

## PACKAGES

Pail: 10& 12 & 14 kg  
Drum: 180 & 200 kg  
(As require of customer)

## PRECAUTIONS & SAFETY

- **Novo Proof 100 HB** is non - flammable, wash any splashes to the eyes immediately with water, and medical advice should be consulted.
- Wear protective clothes, gloves, glasses and face protection.
- For skin contact, remove it with suitable cream followed by soap and water cleaning.

### NOVOCHEM S.AE

#### المقر الرئيس والمصنع

مصر - الجيزة - مدينة السادس من أكتوبر - المنطقة الصناعية الثالثة - بلوك 91,102,103

#### Headquarters and Factory

Egypt - Giza- 6<sup>th</sup> of October City - 3<sup>rd</sup> Industrial Zone - Blocks 91,102,103

Tel. : (+202) 369 182 33

Fax: (+202) 369 182 32

 [www.novochem.net](http://www.novochem.net)

 [info@novochem.net](mailto:info@novochem.net)

  Novochem

