

High Quality Concrete & masonry water repellents.

DEFINITION

Novo Guard 20 is a one component solvent based on resin and selective solvent. It is reactive and capable of producing a chemically bound hydrophobic barrier, that inhibiting the passage of water and water-borne contaminants.

STANDARDS

Novo Guard 20 meets specific requirement of ASTM C309

FIELDS OF USE

Novo Guard 20 is designed to provide protection for high atmospherically exposed concrete structure and masonry against attack due to high moisture levels, acidic gases, sulphate and chloride ions, typical use include:

- Concrete bridges.
- Plinth and pipe support racks.
- Concrete storage tanks.
- Boundary walls.
- High rise building and villas.

ADVANTAGES

- Reduce surface shrinkage and cracking.
- Increase the compressive strength with a harder wearing surface to the concrete.
- Good depth of penetration.
- High alkaline resistance.
- Tack-free drying.
- Water repellency develops fast.

PROPERTIES @ 25 C°

<i>Color</i>	Colorless, hazy
<i>Gloss</i>	semi-gloss
<i>Specific gravity</i>	0.89± 0.05 gm./cm ³
<i>Touch dry</i>	20 min
<i>Hard dry</i>	24 hrs.
<i>Shelf life</i>	12 months in suitable storage conditions
<i>Rate of use</i>	7- 8 m ² /kg (depending on the surface conditions of concrete)

DIRECTIONS OF USE

1. Clean surfaces of dust, oils and grease.
2. Flooding, preferably not under pressure, in the best technique.
3. Apply one or more coats, wet on wet, until the substrate is saturated.
4. Do not leave long breaks between coats.
5. Apply the next when the substrate has absorbed the previous one and is no longer shiny (wet-on-wet working).
6. The substrate must not have damp spots. i.e., it should look dry.
7. The requisite quantity of **Novo Guard 20** depends on the absorbency of the substrate.
8. The amount impregnating agent required for a substrate and the effectiveness of the impregnation should be determined on site by testing a small area of the material to be treated.

STORAGE

- Store under suitable storage conditions in original unopened containers under normal warehouse conditions.
- Temperature of storage (10—25) C°.

PACKING

20 litres
200 litres

PRECAUTIONS & SAFETY

- Wear protective clothes, gloves, glasses and face protection.
- Good ventilations in case of Spray applying.
- For skin contact, remove it with suitable cream followed by soap and water cleaning.
- For eye contact, rinse with plenty clean water then ask for medical advice.

NOVOCHEM S.AE

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