

Water-resistant bonding emulsion and mortar additives.

DESCRIPTION

Novo Bond LS is a modified styrene butadiene rubber emulsion with milky white liquid.

Novo Bond LS designed to improve the quality of cementations mortars and slurries.

USE

1. Waterproof renders and cementation slurries.
2. Producing and bonding concrete repair mortars and Floor screeds.
3. Producing adhesive mortar for slip bricks and Ceramic tiles.
4. Bond new concrete to old concrete.

ADVANTAGES

1. Producing high strength floor screeds.
2. One component liquid easy to mix.
3. Improving mechanical properties of cementations repair & patching mortars such as compressive, tensile and flexural strengths.
4. Excellent bond to concrete, masonry, stonework, Plaster and block boards.

DESIGN CRITERIA

The design system is as the following:

1. Substrate priming with **Novo Bond LS** "slurry".
2. Application of **Novo Bond LS** mortar wet on wet according to the different mixes (see table).

MIXING

- Use a forced - action mixer to mix the mortar.
- Use a spiral puddle to mix the slurry.
- Refer to the different design mixes.

FINISHING

Novo Bond LS can be finished with steel, plastic Wood or by damp sponge.

CURING

Use P.E. sheets for floor screeds to keep the dampness and use a thick coat of **Novo Bond LS** to cure the repaired areas immediately after finishing.

DIFFERENT TYPES OF NOVO BOND LS MORTARS

There are different mixes of mortars according to the use

Find below Table Showing the different mixes and uses:

	Mix(1)	Mix(2)	Mix(3)	Mix(4)
	Patching and repair mortar	Heavy duty floor screed	Render for water proofing	Bonding mortar for slip bricks and tiles
OPC Cement	50 Kg	50 kg	50 kg	50 kg
Sand	125 Kg	75 kg	150	125
Fine aggregate		75 Kg	--	--
Novo Bond LS	16 lit	6-12 lit	20 lit	20 lit
Water	0-4 lit	4 lit	--	--
Comp. Strength	35N/mm ²	45n/mm ²	35n/mm ²	40n/mm ²
Min.thickness	6 mm	6 mm	6 mm	6 mm
Max.thickness	40 mm	40 mm	10 mm	40 mm

SUBSTRATE PRIMING NOVO BOND LS SLURRY

The components of the slurry are:

- 1- Volume of **Novo Bond LS**.
- 2-Volume of clean water.
- 3-Volumes of fresh cement

Coverage about 4m²/ liter of **Novo Bond LS** the surface to be primed by **Novo Bond LS** must be clean, dust free and damped with water.

Apply the slurry by stiff brush.

CLEANING

Novo Bond LS should be removed from tools, equipment and mixers with water immediately after use.

PACKING

4, 5 Lit, 20 Lit cans.
200 Lit Drum.

STORAGE

In dry conditions.
12 months in unopened container.

SAFTY PRECAUTIONS

- Avoid direct contact with skin and eyes.
- In case of contact with water rinse with plenty of water.
- In case of contact with eyes, rinse immediately with clean water and seek medical advice.
- If swallowed, seek medical attention immediately.

NOVOCHEM S.AE

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