

Epoxy prime for epoxy floor coating System & injection for concrete cracks.

DEFINITION

Novo Prime SF is a clear solvent free epoxy primer for concrete surfaces and injection for concrete cracks, which is selected to give a high quality and superior adhesion.

ADVANTAGES

1. High coverage.
2. Low viscosity.
3. Hard wearing.
4. Good epoxy injection for repairing cracks of concrete.
5. Excellent adhesion.

FIELDS OF USE

Novo Prime SF is used as

1. Prime for epoxy flooring coating.
2. Injection epoxy for concrete cracks.
3. Prime for joint sealant as **Novo Flex PG 1**
4. Dust Proof floor coating in warehouses and industrial areas.
5. Sealer for porous concrete surface.

PROPERTIES @ 25 C°

<i>Color</i>	Transparent
<i>Gloss</i>	Glossy
<i>Solid content by (WT)</i>	100 %
<i>Mixing Ratio</i>	2A: 1 B
<i>Specific gravity (mix)</i>	1.08 ± 0.03
<i>Pot life</i>	30 -45 min
<i>Full curing time</i>	7 days
<i>Rate of use</i>	5- 7 m ² / kg
<i>Shelf life</i>	12 months in suitable storage conditions

STORAGE

One year under suitable storage conditions.
Avoid direct sun on storage.

PACKING

Group = 3 & 5 kg

DIRECTIONS OF USE

Incase using as prime for flooring coat

✓ Concrete surface preparation

- The substrate must be clean, sound and free from all contaminants that may affect the adhesion strength like dust, oils and grease, wax, cement laitance, and any other contaminants must be removed by blasting or suitable release agent.
- New concrete should be at least 28 days old.
- Holes should be filled with **Novo Putty EP**.
- Any excessed laitance or dust should be removed before applying novo prime.

✓ Mixing and application

- Add comp **B** (ensure all liquid of comp **B** is added) to comp **A** and mix well manually or by using very slow mixer.

✓ Application method:

- **It** is applied by brush & roller *or* spray (*Air spray, Airless spray*).
- **It** is diluted by **Novo Sol 13** not more than 3 % if required (not diluted in case it is used as injection)

Incase using as injection for concrete cracks

- Horizontal cracks width should be 5mm and cleaned well and completely filled by **Novo prime SF**.
- Vertical and deeper cracks, it should be used pressure for this, where the cracks width should be 5mm and cleaned by pressure, close the crack surface by quick setting mortar, drill small pipes as these pipes contain valve in one direction nipple, use special injection pump for filling the cracks by **Novo prime SF**, after product cure, remove pipes and fill holes by mortar.

HEALTH AND SAFETY

- Wear protective clothes, gloves, glasses and face protection.
- Keep away from sources of agitation.
- No smoking during the work.
- Good ventilations in case of spraying application.
- 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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