

Dr. Fixit Superseal P 200 WB



TWO-COMPONENT, LOW VISCOSITY, WATER-BASED EPOXY PRIMER

Description

Dr. Fixit Superseal P 200 WB is a two-component water-based epoxy coating mixed in the ratio of 1:1 by volume. This primer is suitable for application over concrete surfaces and recommended for both old and new concrete substrate.

Areas of Application

- Primer for Dr. Fixit® range of polyurethane range of products.
- Primer when humidity barrier properties are required.
- Sealing coat for concrete.

Features and Benefits

- Ease of application: 1:1 by volume application ratio by brush/roller.
- Good Penetration: Low viscosity penetrates concrete surfaces.
- Bonding: Strong adhesion even on damp or green concrete.
- Safe to apply: Low-odour, safe and non-flammable (zero VOC).

Method of Application

The quality & performance of final coating is dependent on the substrate & material / application temperature. The recommended substrate temperature is min 5°C & max 30°C

1 SURFACE PREPARATION:

- Remove laitance, dirt & unsound plaster or concrete, paints, oil, grease, curing compounds, corrosion deposits & algae etc.
- Roughen the surface by any mechanical means like wire brushing, sand or grit blasting to improve bonding.
- Clean the surface by vacuum cleaner or other suitable means to remove dust & dirt.
- The compressive strength of the concrete substrate should be at least 15 MPa at 28 days.

2 MIXING:

- The resin & hardener components should be stirred separately in their individual packs.
- The entire content of the Part-B (hardener) should be poured into the Part-A (resin) & thoroughly mixed using a slow speed stirrer / drill with mixing paddle for 2-3 minutes. The sides of the container should then be scraped & mixing should continue for further 2 minutes.

3 APPLICATION:

- Dr. Fixit Superseal P 200 WB application to be in thin coats only. Apply with roller in one or two coats with total maximum consumption of 150-200 gm/m².
- The recoat time of Dr. Fixit Superseal P 200 WB is highly dependent on weather conditions; it can be as low as 2 hours during summer and as high as 24 hours during winter.

4 CLEANING:

- Clean tools and equipment first with paper and then using water. Under no circumstances should they be re-used to mix/apply polyurethane products.

Precautions & Limitations

- For best results, the temperature during application and cure should be between 10°C and 35°C. Low temperatures retard cure while high temperature accelerates curing.
- Hot concrete should be wetted before application.
- Do not dilute with any solvent or thinner.
- Do not apply very thick coat.



- Pot life will shorten during extreme summer and application needs to be rescheduled in the cooler evenings.
- Although it does not contain volatile substances, it is highly recommended that closed spaces be well ventilated.
- Careful supervision during application is needed, particularly in ensuring proper consumption & curing of the material.

PROPERTY	TEST METHOD	OBSERVED VALUE
Mix Ratio (Hardener Part A: Resin Part B) by volume	Internal	1:1
Viscosity of mix (Brookfield)	ASTM D2196-86 @25 °C	5-100 cP
Specific Gravity of mix	ASTM D1475 @25 °C	1.0
Pot Life	@25 °C	60 min
Recoat time	--	6-24hrs
Adhesion to concrete	ASTM D7234	2Mpa (concrete failure)

Packaging

8 lit (comp. A: 4 lit, comp. B: 4 lit)

Coverage

Apply in one or two thin coats with total consumption of 150-200 gm/m².

Shelf Life

Can be kept for 12 months minimum in the original unopened pails in dry places and at temperatures of 5-25 oC. Once opened, use as soon as possible.

Other Products Categories available

Dr. Fixit brings you the widest range of Construction Chemicals



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