



EpiMax 920

CLEAR and COLOURED



Solvent Based PU Hybrid Sealer

Description

EpiMax 920 Solvent Based PU Hybrid Sealer is a two-pack fully cross-linking, non-yellowing protective finish for concrete floors. In particular, the system is suitable for floors in high-traffic areas and will provide good resistance to scuffs and staining. It also enhances the beauty of decorative concrete.

Floors protected with EpiMax 920 show reduced staining from materials such as oil, grease, food spills and many chemicals by producing a low maintenance, abrasion resistant, protective coating that also exhibits good chemical resistance.

Since this product is solvent based as supplied, suitable precautions must be undertaken during the application process.

EpiMax 920 is available in clear and coloured versions. Clear versions are available in gloss and satin finishes.

EpiMax 920 Type 2 is also available for projects requiring enhanced durability.

Advantages

- Clear or coloured
- Good work time
- UV resistant
- Good chemical resistance
- Fast dry time
- Non-slip as required

Typical applications

- Clear coat over flake floors
- Industrial concrete sealer
- Polished concrete sealer
- Car park and garage floor protection

Typical properties

- Mix ratio: 3 Part A to 1 Part B by volume
- Volume solids: 55% (clear) - 70% (coloured)
- Work time: 45 minutes at 25°C
- Re-coat window: 6 - 12 hours at 25°C
- Vehicle traffic: minimum 72 hours at 25°C
- Wear resistance: Excellent
- Specific gravity: 0.98 (clear) - 1.25 (coloured)
- Touch dry: 2 - 3 hours approx. at 25°C
- Foot traffic: 24 - 48 hours at 25°C
- Full solvent resistance: 7 days at 25°C

Estimating data

4 - 6 sq.m/ltr approx. unsealed surfaces

6 - 8 sq.m/ltr approx. sealed surfaces

General surface preparation

Concrete should be at least 28 days old. Ensure it is clean, dry and free of additives, curing agents, oils, etc.

Prepare as necessary by professional diamond grinding or captive blast cleaning as applicable to expose firmly held aggregate.

Allow to dry if wet. Always confirm preparation adequacy.

Surface profile should exceed CSP 2.



General application comments

Review the sub-floor area in advance so that a fixed volume of mixed material can be applied over a fixed area to ensure correct application rate. Select a slow speed (400 rpm) mechanical mixer and ensure thorough mixing.

Mix ratio: 3 Part A to 1 Part B by volume. Mix until uniform. Apply with a short nap roller at an application rate of 4 - 6 m² per litre on unsealed surfaces. Apply in two coats observing the re-coat window. Non-slip finishes can be achieved by suitable incorporation of EpiMax Aggregates.

Over-coating applications

If sealing freshly applied epoxy coatings, apply within re-coat window. If sealing old epoxy coatings, sand first and confirm adhesion in a test area.

General cleaning

Housekeeping is critical in keeping floor surfaces safe. Vacuum, wash, scrub or sweep daily in accordance with recommendations. Mechanical sweepers and scrubbers can provide excellent results. Verify that the frequency and effectiveness of the cleaning process is appropriate for site conditions.

Remove spills immediately, scrub and allow the floor to dry completely.

Note: Certain types of tyres can leave tyre stains on any garage floor. We recommend confirming the particular tyre-marking resistance by way of a localised test area in advance. Other options are choosing dark colours, or placing localised mats in the locations where the tyres will be resting. Given the wide variation in tyre composition and age, we make no warranty as to the performance of our coatings and their tyre-staining potential.

Packaging

Clear available in 10 litre and 20 litre kits.

Coloured available in 20 litre kits.

Safety precautions

Read **Safety Data Sheet** before commencing any application. Keep away from children. Avoid contact with skin and avoid breathing vapour. Always provide adequate personal protection (gloves and goggles etc) during use. Always provide adequate ventilation, especially in confined spaces. If poisoning occurs, call Doctor or Poisons Information Centre.

Phone 13 11 26. If swallowed, DO NOT induce vomiting. Give plenty of water or milk. If skin contact occurs, quickly remove contaminated clothing and wash affected areas thoroughly with soap and water.

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