



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 internal and external concrete.

The system is suitable for floors in high-traffic areas and provides good mechanical and scuffing resistance.

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.

These performance features also make EpiMax 920 eminently suitable for external wall coatings protecting concrete from carbonation and chloride ion entry in tropical marine environments. The external durability is ensured using non-yellowing coating chemistry. As per AS 3600, the professional application of EpiMax 920 can allow for reduced concrete cover in Coastal, B2, exposure classification areas.

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

Typical applications

- Clear coat over flake floors
- Polished concrete sealer
- External wall coatings
- Bridge infrastructure protection
- Industrial 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

5 - 7 sq.m/ltr approx. unsealed surfaces

7 - 9 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 flooring 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 for 3 - 4 minutes. Apply with a 10 - 12 mm 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

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.

TDG Code: UN 1263

This Technical Data Sheet is provided for general information and instruction only. The properties and characteristics set out herein represent typical testing results using industry test methods under laboratory conditions. Results of actual product characteristics may vary slightly. Site-specific and project-specific conditions may affect product performance, including without limitation: surfaces, environmental conditions, contact conditions, storage conditions, storage timeframes, weather, and climatic or seasonal conditions. Not all product parameters are batch tested as part of the manufacturing quality control process, and performance may vary between batches.

If EpiMax gives any express written product warranty in relation to the product, that warranty is subject to the foregoing qualifications, despite anything to the contrary in any other document. All other representations, advice, suggestions or promises regarding the product's performance or its implementation, whether verbal or in writing, and whenever given, including in the course of any field services, are expressly disclaimed. Without limiting the foregoing, EpiMax will have no liability for loss or damage of any kind if any application specifications are not followed.

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EpiMax Technologies Pty Limited

Sydney • Melbourne • Brisbane • Townsville • Canberra • Perth
Australia 1300 721 522 info@epimax.com.au

