



EpiMax 900HS



High Solids Clear PU Sealer

Description

EpiMax 900HS High Solids Clear PU Sealer is a single component, fully cross-linking protective sealer suitable for a wide range of flooring applications. The engineered chemistry developed in this product offers unique features and benefits.

The product is inherently stable to the effects of ultra-violet radiation and hardens quickly to form a high gloss and chemical resistant film equivalent to two-part urethane coatings.

EpiMax 900HS is a low VOC, alternative to solvent and water based polyurethane systems.

It does not contain flammable solvents.

EpiMax 900HS is field-tintable with the new range of EpiMax ColourTints. Refer EpiMax.

EpiMax 900HS is especially suited for application over full broadcast flake floors, cut and seal polished concrete and plain concrete floor surfaces.

Note EpiMax 900HS is not suitable for use over a partial broadcast flake floor or an epoxy coating as a UV filter.

Advantages

- Single pack
- High solids
- Impact and abrasion resistant
- Clear, non-yellowing
- Fast "hardness" development
- Safe option for enclosed spaces
- Does not contain flammable solvents
- Good stain resistance
- Non slip aggregates added as required

Typical applications

- Retail service areas
- External concrete pavements
- Internal concrete pavements
- Showrooms
- Parking garages

Typical properties

- Solids content: 90% w/w
- Viscosity: 90 mPa.s (25 deg C)
- Recoat window: 12 - 24 hours
- Set to touch time: 4 - 6 hours approx. (25 deg C)
- Cure time: 24 hours light traffic only, 5 - 7 days for full resistance

Chemical resistance

- Acids: Good
- Alkalies: Good
- Water: Excellent
- Alcohols: Excellent
- Hydrocarbons: Excellent
- Petrol: Excellent

Stain resistance

Good resistance to most stains, including Skydrol, oils, grease and tyre-marks.

Estimating data

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

7 - 8 sq.m/ltr approx. per coat 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 shot blasting as applicable to expose firmly held aggregate. Allow to dry if wet. Always confirm preparation adequacy. Surface profile should exceed CSP 2.

Priming

Prime prepared surfaces with EpiMax 900HS diluted with the addition of 20% EpiMax Thinner X.

Confirm intercoat adhesion adequacy.

General application comments

Note: All surfaces to be sealed with EpiMax 900HS must be dry and free of moisture. Non slip finishes can be achieved by suitable incorporation of EpiMax aggregates. Porous concrete slabs may require additional coats.

Note: For a coloured finish, add 350 ml selected EpiMax ColourTint per 4 litre EpiMax 900HS. Stir thoroughly before use, minimising air entrapment.

Not suitable for use as a UV filter coat over epoxy coatings.

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

EpiMax 900HS is available in 4 and 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.