

High Build Glaze Coat

Description

EpiMax 220 High Build Glaze Coat is a solventless, high gloss, low viscosity epoxy system designed for application as a clear hard wearing surface primarily over polished or stained concrete or vinyl flake flooring. The system benefits from the proven technology including low inherent low colour chemistry and stabilizers. As a result, EpiMax 220 is generally suitable for behind-glass floor protection applications.

Since the system is solventless, high film builds can be achieved in two applications.

EpiMax 220 offers a safe alternative to conventional solvent based materials. EpiMax 220 Express is available for faster hardening, especially in colder conditions. For fully external applications, please consider EpiMax 900 Solvent Based Clear PU Sealer.



Advantages

- Proven performance
- Mild odour, light colour
- Minimal sweat-out, blush or bloom
- Resistant to mild acids/alkalies
- Easy application by roller or squeegee
- Excellent surface wetting characteristics
- Minimal water spotting
- High density cure development
- Low viscosity
- Good adhesion
- Good mar resistance
- Standard or Express grades available

Typical applications

- Seamless performance glaze coats
- High build sealing of vinyl flake flooring
- Enhancement & protection of polished concrete

Typical properties

- Work time: 50 mins (Standard) 20 mins (Express)
- Full service: 7 days at 25°C
- Foot traffic: 24 hours at 25°C
- Flexural strength: 55 MPa
- Hardness (Shore A): 90
- Compressive strength: 50 MPa

Estimating data

10 ltr EpiMax 220 Standard = 20 sq m (2 x 250 micron dft); 12 ltr EpiMax 220 Express = 24 sq m (2 x 250 micron dft)

Application

Concrete should be at least 28 days old. Ensure sub-floor is clean, dry and free of additives, curing agents, oils, etc. Prepare the sub-floor by professional diamond grinding to expose firmly adhered aggregate. Surface profile should exceed CSP 3. Allow surfaces to dry if wet. Always confirm preparation adequacy. If sealing vinyl flake flooring, sand the bonded flakes first.

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 until uniform. Apply by roller or squeegee at around 4 sq m per litre.

Packaging

EpiMax 220 Standard is available in 10 litre packs and Express in 12 litre packs. They are pre-packed in correct proportions for use.

Safety precautions

Read Material 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 & 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: Hardener - UN 1760, Compound - Not Classified