

TECHNICAL DATA SHEET



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EMBE® PERMASET

Logo Placement Flooring System

Description

EMBE® PERMASET is a two-component solvent free epoxy coating providing a tough chemical resistant coating with excellent gloss retention and an applicator friendly viscosity level.

EMBE® PERMASET allows the incorporation of your company logo, design, or artwork to be displayed.

Typical Uses

- Shower areas, locker rooms
- Lobbies and corridors
- Showrooms, recreation areas

Features

- 100% epoxy solids
- NO VOC's
- Low viscosity for leveling and penetration.
- High gloss light reflective finish
- Broad range chemical resistance to many alkalis and acids
- Canadian Food Inspection Agency approved

Limitations

- For indoor use only.
- Concrete surfaces must be cured a minimum of 28 days, and moisture content must be less than 3%
- Vapor barrier must be used for

below or on grade applications

Application

- Substrate should be above 50°F (10°C)
- Substrate must be clean, free of dirt, waxes, grease oil and other foreign matter.
- Concrete floors must have latencies removed, preferably by shot blasting, or mechanical sanding.
- Freestanding water must be removed, and substrate must be completely dry prior to application.
- Must be installed by a TBS Approved Applicator

Physical Properties

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|-----------------------------|-------------------------------------|
| Compressive Strength | 11,000 psi 75.84 MPa |
| Tensile Strength | 6,000 psi 41.37 MPa |
| Flexural Strength | 10,000 psi 68.95 MPa |
| Impact Strength | 10 ft/lbs |
| Hardness (Shore D) | 70 |
| Flammability | self extinguishing over concrete |

Components

- Primer and Base EMBE Trowel Grade clear – 2:1 mix ratio
- Topcoat EMBE Topcoat Epoxy Clear – 2:1 mix ratio OR EMBE Clear AU Sealer-50

Safety Precautions

Please refer to product MSDS sheet.