



TBS SYSTEM DATA SHEET

TECHNICAL BARRIER SYSTEMS INC.



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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.

- 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

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)

Physical Properties

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.