



TECHNICAL DATA SHEET

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EMBE PERMAFLAKE

Decorative laminate floor

Description

EMBE Permaflake is a two component solvent free epoxy system. PERMAFLAKE provides a tough, chemical resistant flooring with excellent gloss retention. System utilizes pigmented vinyl flakes in unlimited color patterns.

Typical Uses

- Decorative Flooring
- Locker rooms / washrooms
- Show rooms
- Food service areas
- Laboratories
- Isileways

Features

- 100% solids epoxy
- High gloss light reflective finish
- Good resistance to many acids and alkalis
- Stain resistant
- Canadian Food Inspection Agency approved

Limitations

- Only for indoor use
- Not for use on or below grade without an effective barrier in place
- Minimum cure temperature 50°F
- Shelf life one year

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 laitances 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 R&D Approved Applicator

Physical Properties

Tensile Strength	6000 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 Topcoat Epoxy pigmented – 2:1 mix ratio
- Topcoat EMBE Topcoat Epoxy Clear – 2:1 mix ratio OR EMBE Clear AU Sealer –50
- Pigmented vinyl flakes

Safety Precautions

Please refer to MSDS sheet