



TBS SYSTEM DATA SHEET

TECHNICAL BARRIER SYSTEMS INC.



TEL: 905.842.9488 FAX: 905.842.1582 TOLL FREE: 1.888.537.2888
 EMAIL: MAIL@TBSPRODUCTS.COM WEB: WWW.TBSPRODUCTS.COM

EMBE® PERMAFLOR

HEAVY DUTY TROWELLED MORTAR

Description

EMBE® PERMAFLOR, heavy-duty trowelled mortar is a monolithic high build epoxy system which can be sloped to drain and can incorporate integral coving. Utilizing pigmented epoxy binder resins and topcoats blended with industrial aggregate this workhorse system is tough and is also resistant to a broad range of chemicals.

EMBE® PERMAFLOR, is made up from pigmented epoxy resin (trowel grade) as primer and binder resin, industrial aggregate and EMBE® PERMASEAL (pigmented) for grout and finishing coats. Typically installed 1/4" thick. Can be installed by hand trowel for small areas or power trowel for large areas

Typical Uses

- Food and beverage facilities
- Lift truck aisles and maintenance shops
- Pulp and paper plants
- Shipping and packaging areas
- Drum storage areas

Features

- 100% epoxy solids - No VOC's
- 1/4" system protects substrates from heavy wear and impact
- Seamless, integral cove base available
- Good resistance to many chemical alkalis and acids
- Can be trowelled or power trowelled
- Canadian Food Inspection Agency approved

Limitations

- Only for indoor use

- Not for use on or below grade without an effective vapor barrier in place
- Not generally suitable for exposure of strong acids or oxidizing agents
- Do not subject to extreme thermal shock
- Minimum cure temperature 50°F (10°C)
- Shelf life one year

Application

- Please consult your local area TBS representative
- Must be installed by a TBS Approved Applicator

Physical Properties

Compressive Strength	11,000 psi 75.84 MPa
Flexural Strength	6,000 psi 41.37 MPa
Impact Strength	10 ft/lbs
Flammability	self extinguishing

Components

- Primer and Matrix EMBE Trowel Grade, pigmented – 2:1 ratio
- Grout and Topcoat EMBE Topcoat Epoxy, pigmented – 2:1 ratio

Safety Precautions

Please refer to product MSDS sheet.