



MergussEpoxy Mortar

Description

MergussEpoxy Mortar is a trowel applied epoxy mortar system design to surface and resurface floor or all types.

Uses

MergussEpoxy Mortar is ideal to protect surface floor for :

- Industrial floors
- Warehouses
- Machine shops
- Food processing & rendering plants
- Kitchens
- Secondary chemical containment areas
- Common chemical processors
- High traffic aiseways
- Docks
- Ramps
- Factory processing area

Advantages

- Easy to use 3 part system
- Suitable for 2 mm to 30 mm thicknesses
- Resistant to wear and abrasion from vehicular traffic
- Good for both new and old concrete
- High bond and flexural strength for impact resistance
- Solvent free and 100% solids
- Resistant to common chemicals for dependable protection of concrete
- Can be installed with a non-slip surface
- High aggregate loading for thermal stability

Mix Ratio

Comp. A : Comp. B = 1.8 : 1 (parts by weight)
Comp. A + Comp. B : Comp. C = 1 : 7 (parts by weight)
Comp C = Aggregate

General Data	Color	: Clear
	Specific gravity	: 1.3 ± 0.01 kg/liter
	Volume solids	: 100 %
	Coverage	: 0.4 kgset/m2/mm
	Recoating time	: 8 hours (minimum)
	Pot life	: 30 minutes (measure at 25 ⁰ C)
	Curing time	: Light traffic 12 to 8 hours

Surface Preparation Substrate must be dry, sound and free of all contaminants. Examine moisture content of concrete surfaces, if necessary perform adequate test prior to application. Remove all dirt, laitance, grease, oil, curing compound or other foreign matter. Do not apply on standing water. Remove dust prior to application.
Concrete : Mechanical cleaning, shot-blasting, mechanical scrubbing or acid etch, depending on conditions.

Mixing Prosedure Mixing shall proceed at temperature 18⁰ C – 30⁰C to facilitate blending. Stir each component seperately before blending. Pour part A component into part B component pails and thoroughly mix with a low speed electric drill mixer or special epoxy mixer for approximately 3 minutes. It is suggested not mixing large quantities of epoxy in one blend, excessive heat will shorten pot life. Pour and blend pre-mixed pails of MergussEpoxy Mortar, apply, and mix other.

Safety Precautions Use with adequate ventilation. Use proper respiratory protection and gloves when required. Practice reasonable care and cleanliness is always recomanded.

Storage MergussEpoxy Mortar should be stored in a dry environment between 15° - 30°C. Under These conditions, the shelf life is twelve (12) months in unopened, damage-free containers. Condition material to 18° - 30°C before using