TECHNICAL DATA SHEET

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EMBE® EPOXY GROUT

Compound for Tile, Floor, Brick and Construction Joints

Description

EMBE® Epoxy Grout is a two-component 100% solids, thermosetting Epoxy material for setting and grouting quarry tiles, pavers and ceramic tiles. They offer exceptional resistance to corrosive chemicals, and a new simplified method of installation that is practically foolproof.

Typical Uses

- Primarily used for the setting and grouting of quarry tiles, floor bricks, and ceramic tiles
- Dairies, breweries, hospitals, bottling plants, textile plants
- Areas used for food processing and preparation
- Pointing of vertical masonry units
- Filling of slab control joints
- Skid proof treatments
- Anchoring of bolts and fastening devices
- Bonding of a wide variety of materials.

Features

- 100% solids epoxy
- Produces amazing adhesive and strength, without use of a primer
- Will bond tenaciously to a variety of substrates, including all types of masonry, wood, asphaltic membranes, and metal
- No shrinkage, or loss of volume
- Retention of density and adhesion; and a grout that does not recede.
- Tough and abrasion resistant
- Is not brittle
- Can withstand thermal stresses through a wide range of temperatures
- Broad range chemical resistance to many alkalis and acids

Product Data

- Easy and fast to install
- Cures independently of water or oxygen
- Require's no primer to ensure adhesion to a wide variety of surfaces
- In uncured state, affords a water clean up

Colors

Available in a wide range of colors

Safety Precautions

Please refer to product MSDS sheet

Chemical Resistance

Acids	Rating
Hydrochloric (10%0	E
Hydrochloric (25%)	E
Nitric (10%)	E
Nitric (40%)	E
Sulphuric (10%)	E
Sulphuric (60%)	E
Phosphoric (20%)	E
Phosphoric (60%)	E
Chromic (10%)	E
Chromic (20%)	E
Acetic (4%)	E

Alkalies	Rating
Sodium Hydroxide (10%)	E
Sodium Hydroxide (30%)	E
Potassium Hydroxide (10%)	E
Potassium Hydroxide (50%)	E
Ammonium (10%)	E
Ammonium (20%)	E
Sodium Silicate (20%)	E
Lime Suspension (30%)	E
Acetic (20%)	E
Lactic (10%)	G
Lactic (40%)	G
Formaldehyde (20%)	E
Oxalic, Saturated	E
Citric (20%)	E
Citric (50%)	E
Oleic	E

Miscellaneous	Rating
Milk	E
Coffee	E
Cola Beverage	E
Orange Juice	E
Tea	E
Gingerale	E
Beer	E
Wax Remover	E
Bleach	E
Urine	E
Whiskey	E
Ink	E
Hydrogen Peroxide	E
Detergent (5%)-124ºF	E
Caustic Solution (5%)-140ºF	E
Vegetable Oil-140ºF	E
Triethanol Amine (10%)	E
Triethanol Amine (40%)	E
Urea (10%)	E
Phenol (5%)	F

Inorganic Salts	Rating
Sodium Chloride (10%)	E
Sodium Sulphate (10%)	E
Sodium Carbonate (10%)	E
Sodium Phosphate (10%)	E
Ammonium Chloride (10%)	E

Solvents	Rating
Acetone	G
Methyl Ethyl Keytone	G
Methyl Isobutyl Keytone	G
Denatured Alcohol	E
Butyl Alcohol	E
Cellosolve Solvent	G
Mineral Spirits	E
V.M. & P. Naphtha	E
Hexane	E
Heptane	E
Gasoline	E
Toluol	G
Xylol	G
Ethyl Acetate	G
Butyl Acetate	G
Trichloroethlyene	P
Carbon Tetrachloride	E
Methylene Chloride	P

E – Excellent – Unaffected
G – Good – Slight temporary Softening
F – Fair – Softening or slight surface corrosion
P – Poor – Evidence of Disintegration

Some color changes were evidenced but not recorded

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