

EPOXY LIQUID-TILE

Product code: PS3386

Composition and Application Field

EVI EPOXY LIQUID-TILE is a multi-component, trowel applied seamless monolithic floor and wall decorative coating. The product consists of a solvent free epoxy resin, a fast curing hardener and decorative quarts aggregate and marble chips to form an evenly textured slip resistant finish. Applicable from 2 mm to 5 mm in thickness

Uses

Recommended for floors and walls where there is a high volume of foot traffic, wash rooms, bathrooms, showrooms and hallways

Substrates: Cement / Concrete

Specification

Finish	: Textured
Color	: Proprietary or as requested
Specific gravity	: 2.4
Solids by Volume	: 100 (mixed)
Diluent	: Not Applicable
Pot Life	: 30 minutes at 25 c
Drying Time (30° C)	
Set to touch	: 2 hours
Recoatable	: 4-6 hours
Dry to foot traffic	: 24 hours
Dry to heavy traffic	: 7 days
Recommended DFT	: 2 to 5 mm
Heat Resistance	: 0.2 – 0.5 sqm

Surface Preparation

The substrate must be clean, dry and sound. Remove dust, laitance, grease, curing compounds, waxes, foreign particles and any previously applied potentially incompatible coatings by scarifying, chipping, wire brushing, acid etching, or pressure washing. If pressure washing or any other liquid method is used for prep substrate should be fully rinsed, squeeze-dry mopped and allowed to completely dry. If the surface is not prepared properly, product adhesion will fail and warranties will be voided. Moisture vapor transmission reading must be 3 lbs. or less.

Concrete New concrete must cure for at least 28 days at 21 degree celsius, and have been free from water for atleast 7 days. Older floors should be scarified and thoroughly cleaned. If badly cracked, crumbling, punky or deeply contaminated with oil or fat, a new concrete topping of proper thickness and strength should be installed.

Application Method

Mixing:

Avoid mixing and application of this product if the floor temperature over 90°F. Also avoid application if the humidity is higher than 75% R.H. The temperature of the floor, materials and air in the area of the installation all play a role in how the

product will apply and cure. To begin, you will need a clean 50gallon pail and a ½ horsepower variable speed mixer. Open the gallon can and the quart can empty contents into the mixing pail, making sure all resin is removed from the cans to ensure consistency and performance. Blend resins for a minimum or 1 and ½ minutes. Add aggregates to the resin mixture and blend thoroughly.

Application:

For cove base, place mixed product on the floor along the wall. Use a bull-nose gauge trowel and place the material tightly against the wall at the required height. If necessary, tape the wall first to create a straight stopping point. Remove the tape immediately after troweling base. A large dinner spoon will form a nice cove finish. For Floor, after mixing, pour product onto floor at once to increase working time. Material left in bucket has less working time. Using a Marshalltown finish trowel place the product with medium pressure, start at the wall and pull material toward you to flatten the product and finish material into its designed even thickness. Repeat until the product is constantly uniform. After the product has been placed, lighten up and hold the trowel at an angle and comb over the top of the material lightly. This will flatten any stones that may be high as well

as supply more resin to the surface to seal off the system properly. The passes with the trowel till pull the resin to the top much the same way water will do in a cement application.

Storage & Shelf Life

Under dry and cool condition, Storage stability can be sound up to 18 months in original sealed containers.

HANDLING

Disposal: As per the guidance and legislations of the local Authority e.g., by controlled landfill.

In case of doubt, consult local authority. Do not empty into drains, sewers or other water courses.

Caution: It is strongly advised not to keep open half used drums as it forms a skin on the top layer

Safety Precaution

Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use a barrier cream. Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapor or spray. MSDS is available on request for the safe handling of this product.

FIRST AID

Eyes: In the event of accidental splashes, flush eyes with warm water immediately and obtain medical advice.

Skin: Wash skin thoroughly with soap and water or approved Industrial cleaner. DO NOT USE solvent or thinners.

Inhalation: Remove to fresh air, loosen collar and keep patient rested.

Ingestion: In case of accidental ingestion DO NOT INDUCE