Epoxy Putty

Description

Epoxy Putty is a pigmented high solids/high build epoxy polyamide filler/sealer for masonry surfaces that provides good protection against chemical attack, thermal shock, nuclear decontamination agents and mechanical abrasion.

Characteristics

Colour	White
Finish	Satin
Solid contents (% by volume)	62 ± 2 %
Specific Gravity	1.5- 1.6
Recommended dry Film Thickness	800 microns
Theoretical Coverage:	4 m^2/ltr
Flash Point:	86°C

Mixing Ratio by volume : 2.5 Parts Comp A and 1 Part Comp B

Properties tested as per international Standards

Viscosity	**ASTM D 4287**
Specific Gravity	**ASTM D 1475**
Gloss	**ASTM D 523**

System Recommendation

On Steel/Metal Substrates':

Epoxy Primer ZP 1 Coat 60 Microns DFT

Epoxy Putty 1 Coat 150 Microns DFT

Two Coats any Epoxy Top Coat.

On Concrete :

Kem Epoxy Primer/Sealer 1 Coat 50 Microns DFT

Epoxy Putty 1 Coat 150 Microns DFT

Two Coats any Epoxy Top Coat.

Drying Time:

Typically at recommended film thickness , drying time is generally depend on good ventilation.

Substrate Temp	Dry to Touch	Dry to Handle	Re-coating Interval Minimum	Re-coating Interval Maximum
23° C	5 hr	24 hr	10 hr	
35° C	3 hr	20 hr	8 hr	

Packing Size

1 USG and 5 USG. Packing may vary from country to country according to local requirements. Also available in bases for instant color mixing at point of sale through Sherwin Williams automatic dispensing system

Storage & Handling

Product must be stored in accordance to national regulations. The product should be kept in well ventilated place protected from heat and direct sunlight. The containers must be kept tightly closed.

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Safety Precautions

Material health and safety data sheet is available upon request. Please observe the precautionary notice displayed on the container. Ensure proper ventilation during application and drying of paint. Avoid inhalation of paint mist and vapors and skin contact. Spillage of paint on skin should immediately be removed with suitable cleanser soap and water. Eyes should be well flushed with water and immediate medical attention should be sought.

Application Procedures

Surface Preparation:

Concrete & Cement Floors: All surfaces must be fully cured. Roughen the surface by sand blasting, shot blasting, mechanical scarification or suitable chemical means. Patch holes, cracks with an appropriate filler. The surface should be made free from moisture if any before application of the paint. Test the surface for moisture-free.

Application Conditions:

Minimum temperature at 15° C and relative humidity 20 - 85%.

Application Details:

Application method	By Scrapper.
Thinning	Thinner YTF K-098 (only when required)

Paint is ready to use

Recommended thinning For brush/ roller.

max. 5 to 10 %

Recommended Uses

For use as a surfacer for concrete floors substrates, with multiple applications in dairies, power plants, hospitals, schools, tunnels, chemical plants, refineries, water storage tanks, bottling plants, paper mills and mining industry.

Environmental Compliance

Lead Free Paint