



# Chemical Technology at its best!

## **TEVO MS-12 EPOXY COATING:**

### **PRODUCT DESCRIPTION AND USES**

TEVO MS-12 is an epoxy, a gray color, it is three pack system of epoxy for the floor coating. TEVO MS-12 is a superior product. It is applied on a concrete floor that is precoated with TEVO MS-11 (TEVO MS-11 is a primer). Part A is an epoxy resin and Part B is a hardener and Part C is either one of these; CaCO<sub>3</sub>, Silica, Quartz, plaster of paris, glass, Al<sub>2</sub>O<sub>3</sub>. Keep resin and hardener between 25 to 30 degree C for a couple hours before it is planned to mix. Calculate the amounts of Part A and Part B and Part C, keeping in mind that 1 kg mixture of Part A: Part B: Part C, at ratios of 1:0.9:1.9 covers 1 square meter.

### **SURFACE PREPARATION**

Prepare the surface free from dirt, oil, debris, and moisture. Surface should be leveled, cracks are repaired, sanded and primed with TEVO MS-11. The primer is dried. On concrete to remove oil use G-Cleaner or any suitable cleaner. For any other coating abrasive cleaning may be required.

### **APPLICATION CONDITIONS:**

Epoxies are not UV stable, do not apply them out door. It is highly recommended that you avoid applying when there is rain, hail or winds less than 24 hours from the time of application. For the best results, it is highly recommended that the surface should be prepared and precoated with TEVO MS-11.

### **STORAGE**

Store at ambient temperature. Stock in a plastic Jar, pail, or in a drum and keep in shade.

### **PACKAGING**

TEVO MS-12 is available in a gallon, pail, and plastic drum of 100 kgs.

## **FEATURES AND PROPERTIES**

<b>Property</b>	<b>Value</b>
Appearance	no lumps, balanced after mixing
Density, g/cm <sup>3</sup>	1.43
Viscosity, m.Pa.s (25C)	45-65
Solids (%)	90
Theoretical uses kg/m <sup>2</sup>	11-1.5
Dry film thickness, mm	1-3
Ratio by weight	100 to 0.9
Applied period hour @25 C	1
Adhesion -pull test, MPa	2.5
Drying time hour	24
Coating method	scraper construction
Coating intervals	24 hrs. to 48 hrs.
Supply spec	Part A 110 kg barrel Part B 100 kg /barrel
Storage conditions	RT
Application temperature	10 to 30 degree C
shore hardness	58
Elongation	55
Abrasion resistance (mg)	40
Shelf Life, years	1 r

### **WARRANTY**

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