



## TRITON EPOXY MORTAR



### TECHNICAL DATA:

<b>Volume Solids</b>	100%
<b>Mixing Ratio (by volume)</b>	
Component A	2 parts (by volume)
Component B	1 part (by volume)
W/ aggregates	1.0-1.5 parts silica sand to 1 part of epoxy/hardener admixture by volume
<b>Pot Life</b>	20-30 minutes
<b>Initial Cure</b>	1-2 hours
<b>Full Cure</b>	12 hours, 48 hours before loading pressure
<b>Compressive Strength</b> (ASTM C109-95/ D695)	Minimum: 8000-10,000 psi @ 4 days Maximum: 10,000-12,000 psi @ 7 days
<b>Tensile Strength</b> (ASTM D638)	3,000-5,000 psi @ 7 days
<b>Flexural Strength</b> (ASTM D790)	6,000-9,000 psi @ 7 days
<b>Resistance to Chemicals</b>	Highly resistance to most acids, alkalis, salts, alcohol & solvents.
<b>Shelf Life</b>	Minimum of two (2) years under normal condition
<b>Packaging</b>	Available in (3L) Gallon/set

### PRODUCT DESCRIPTION:

A two-component 100% solid epoxy specially formulated for mortar and grouting purposes. This mixture provides a high mechanical and adhesive strength and when compounded with fine aggregates it gives superior properties in terms of compressive and tensile strength and also resistant to chemicals.

### PRODUCT HIGHLIGHTS:

High compressive and tensile strength. Restores structural integrity.

### RECOMMENDED FOR:

For installing and setting of heavy equipment and machineries, use for repairing to strengthen concrete foundations with cracks and secure anchoring bolts of equipment.

### RECOMMENDED SUBSTRATE:

Concrete





## APPLICATION:

### Surface Preparation

Surfaces must be structurally sound, clean, dry, and free from contaminants that would prevent a good bond. Glossy or painted surfaces must be sanded, stripped, and cleaned of waxes and dirt. Concrete must be cured 28 days. Smooth concrete slabs must be mechanically abraded to ensure a good bond by sanding or scarifying.

### Mixing

Stir separately Part A and Part B of **TRITON EPOXY MORTAR GROUT**. Mix materials (Part A & Part B) by manual or mechanical mixing.

## APPLICATION METHOD:

Pre-measure enough amount of resin, hardener and filler (must be clean and dry silica) to be used. Mix thoroughly resin with fillers and then hardener. Mixing ratio is 2 parts Component A and 1 part Component B by volume. Ratio of fillers to epoxy admixture is 1.0-1.5 depending on the consistency. Any change from the recommended quantities will affect its quality. Scrape the bottom part, sides and corner of the container to ensure complete and full blending. Prepare only enough quantities that can be used within pot life period. Do not delay application. Install equipment by embedment, modern rail, or sole plate-mounting methods.

## PRECAUTIONS:

Wear rubber or plastic gloves to avoid contact with skin. Use soap and water to remove mixture from hands. Do not use strong solvents to remove mixture from skin.

## INFORMATION:

**TRITON PRODUCTS** are manufactured from the highest quality raw materials using the most advanced methods. Best results from the superior product are attained when these preparation and application instructions are followed carefully.

For more information on this guide or on any Triton coating product please contact us at 8645-6203 or email us at [tsr.tritonpaints@gmail.com](mailto:tsr.tritonpaints@gmail.com) or [roosevelt.chemical.inc@gmail.com](mailto:roosevelt.chemical.inc@gmail.com)



Tel. Nos. 7758-6245 | 7900-9642 | 8645-6625 | 8645-1089  
8645-2152 | 8645-3435 | 8645-2159 | 8645-3425

FAX: 8645-3425

Cel. Nos. 0908-127-1200 | 0920-828-1221 | 0917-823-3986  
0995-019-1312 | 0923-462-2434

Marketing Dept. 8645-6203 | 0915-644-0036 | 0923-244-3239

**ROOSEVELT CHEMICAL INC.**  
73 F. MARIANO AVE., BO. DELA PAZ, PASIG CITY, PHILIPPINES