

TRITON EPOXY CONCRETE ADHESIVE



TECHNICAL DATA:

Volume Solids	100%
Mixing Ratio (by volume)	
Component A	2 parts (by volume)
Component B	1 part (by volume)
With fillers	1.0 – 1.5 parts silica sand to 1 part of hardener admixture by volume
Pot Life	30-40 minutes
Initial Cure	60-70 minutes
Full Cure	24 hours 72 hours before loading pressure
Compressive Strength (ASTM C109-95/ D695)	Minimum: 8000-10,000 psi @ 4 days Maximum: 10,000-13,000 psi @ 7 days
Tensile Strength (ASTM D638)	4,000-7,000 psi @ 7 days
Flexural Strength (ASTM D790)	5,000-8,000 psi @ 7 days
Resistance to Chemicals	Resistant to most organic solvents, mild acid alkalis and salt
Coverage	Clear- 8-10 m ² @200-300μ (depends on the porosity of the substrate)
Shelf Life	Minimum of two (1) year under normal condition
Packaging	Available in (3L) Gallon/set

PRODUCT DESCRIPTION:

A two-component epoxy adhesive system specially formulated for structural concrete application and bonding of old to new concrete. It has low to medium viscosity. When properly compounded, the mixture produces a strong bond and flexibility. It contains a special curing agent that provides the film with a high degree of toughness, adhesion and chemical & corrosion resistance.

PRODUCT HIGHLIGHTS

It strengthens the bond between new and old concrete especially for floor coating applications and secure overlays on concrete surfaces.

RECOMMENDED FOR:

- Bonding New to Old concrete
- Repairing of concrete structure with cracks including earthquake damages
- Sealing concrete pavement and structure against intrusion of water
- Securing overlays on concrete surfaces
- General purpose adhesive

RECOMMENDED SUBSTRATE:

Concrete pavement, floorings





APPLICATION:

Surface Preparation

Clean surface from debris, oil, grease, dirt and other foreign materials either by mechanical or chemical process.

Mixing

Mix 2 parts of Component A to 1 part of Component B by volume mix only enough quantities that can be used with-in the pot-life of the mixture.

APPLICATION METHOD:

Apply **TRITON EPOXY CONCRETE ADHESIVE** at the rate of 8- 10 sq. meters per gallon depending on the thickness of deposit or porosity of the substrate. Pour fresh concrete while **TRITON EPOXY CONCRETE ADHESIVE** is still wet or tacky. Use brush with stiff bristle to fill up concrete voids and concrete crevices.

CLEAN UP: Use **TRITON EPOXY THINNER** or **LOTUS LACQUER THINNER** to remove excess resin and hardener.

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 or roosevelt.chemical.inc@gmail.com

