

TRITON TOUGHCOAT HEAVY DUTY 100% EPOXY FLOORCOATING



TECHNICAL DATA:

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|---------------------------------|--|
| Volume Solids | 100% |
| Specific Gravity | 1.20 k/l |
| Viscosity | 100 + 0.5 KU |
| Finish | Glossy |
| Film Thickness (DFT) | 250-300 microns/coat |
| Mixing Ratio (by volume) | |
| Part A- Base | 2 parts |
| Part B- Hardener | 1 part |
| Coverage | 8-10 m ² / Gal set |
| Pot Life | 40-50 minutes |
| Drying Time | |
| Set to Touch | 2 hours |
| Full Cure | 24- 48 hours (light foot traffic) |
| | 5-7 days (heavy foot traffic) |
| Chemicals Resistance | Excellent to most organic solvents, mild acid alkalis and salt |
| Shelf Life | Minimum of one (1) year under normal condition |
| Packaging | Available in (3L) Gallon/set |

PRODUCT DESCRIPTION:

It is a two component, solvent-free, self-leveling epoxy floor coating. It is lead-free, non-toxic and hardened to a highly exceptional abrasion resistant coating when fully cured. It provides a hard wearing floor finish that can handle foot, and light to heavy wheeled traffic. It gives high bond strength on properly prepared substrate such as concrete and steel and has excellent resistance to oil, solvents, alkalis and most acids.

PRODUCT HIGHLIGHTS:

High performance floorcoating system with tile-like glossy finish. It is mechanical and chemical resistant topcoat which is use to protect concrete not at risk of cracking. It is easy to clean and maintain.

RECOMMENDED FOR:

Interior concrete surfaces such as:

- Light to heavy traffic manufacturing facilities
- Laboratory facilities
- Automotive Maintenance facilities
- Shopping Malls, Hotels, Residential, Covered Parking



RECOMMENDED SUBSTRATE:

Horizontal Concrete and Metal flooring

APPLICATION METHOD:

Surface Preparation

All surfaces must be thoroughly cleaned to remove dirt, grease, mill scale, loose rust, chalks, and any other contaminants that can reduce adhesion through (SSPC-SP1) solvent cleaning.

Metal

Sand blasting is recommended to remove rust and mill scale. Use commercial blast to (SSPC-SP6) for mild exposures and near-white blast (SSPC-SP10) for severe exposures. Where blasting is not possible, thorough scraping and wire brushing may be substitutes at some possible sacrifice in performance

Concrete/ Masonry

Cure for at least 30 days before painting. Remove loose or excess mortar, efflorescence, laitance and concrete form release compounds that reduce adhesion. Etch or abrasive blast polished or glazed concrete before use on floors.

Previously Painted Surface

Scrape loose, scaly, peeling paint and sand edges smooth. If the paint is glossy, sand to dull the surface. Remove any rust and scale from ferrous metal. If mildew is present, remove completely by sterilizing the surface with mildew remover and detergent. Rinse well and allow drying before painting

APPLICATION METHOD:

Primer: apply one (1) full coat of **TRITON EPOXY 100% SOLID PRIMER/SEALER CLEAR** using brush or roller to achieve a continuous and even coverage. Ensure priming coats are kept clean and free from dust, and water condensate.

Topcoat: Apply one (1) full coat of **TRITON TOUGHCOAT HEAVY DUTY 100% EPOXY FLOORCOATING** by smooth-notched blade squeegee (preferred) or roller. The use of spike roller is recommended 8-10 minutes after application to help in the removal of trapped air.

Squeegee Application- Apply as evenly as possible working from left to right then vice versa. After 10 minute roll with spike roller to remove excess air bubbles. Do not mix less than full batch/ container quantities.

Roller Application- Using a quality phenolic core cover between 3/8" and 1/2 nap size, gently spread the ribbon or poured material lightly working the material back and forth until even. Avoid over working back into previously applied epoxy, especially after 10 minutes duration or color variation may occur in the lapped area. Do not mix less than full batch/ container quantities.

Mixing

Thoroughly stir each component. Mix two (2) parts of component A to one (1) part of component B by volume. Mix only enough quantities that can be used within the pot life of the mixture.





Special Information:

Do not apply if material, substrate nor ambient temperature is below 50°F. Yellowing may occur if exposed to temperature exceeding 200°F. Old coatings should be tested for lifting before applying **TRITON TOUGHCOAT HEAVY DUTY 100% EPOXY FLOORCOATING**. Exterior exposure causes color change, gloss loss and chalking, however, this does not affect protective performance properties.

Level off uneven surfaces using **TRITON EPOXY PUTTY**.

Note: Information above regarding wet film thickness (WFT) and dry film thickness (DFT) are based on company laboratory tests. Please follow project specification for WFT and DFT requirements.

All high gloss surfaces can be slippery. All epoxy coating will chalk and fade if applied to exposed areas affected with direct sunlight.

LIMITATIONS:

Epoxy is a two-part liquid that must be mixed before application. Once the product is mixed, you have a limited time to apply the epoxy coating before it starts to harden.

Unfavorable temperatures can cause the epoxy to BUBBLE and PEEL. Applying epoxy in a damp environment on a moist floor causes the epoxy paint to lift off the floor.

In addition you must clean the floor thoroughly before applying epoxy to avoid adherence issues.

Wet epoxy has strong fumes.

Epoxy floor coatings needs to be installed exactly according to directions. If not done properly, the flooring will not last as long as it should.

Disclaimer:

The information contained in this technical data sheet is based on the results of our research and practical experience in the field. All given test data are values which have been obtained under defined conditions. The proper and thereby effective and successful application of our products is not subject to our control.

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



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