

COATING DATA

DESCRIPTION:

PERMA-TUFF WF is a two component, 100% solids, high performance, extremely low odor epoxy coating. It is an ideal filler/sealer first coat application on porous and non-porous vertical and overhead masonry surfaces. The Perma-Tuff WF filler/sealer topcoated with Perma-Tuff WC system provides a seamless surface that is extremely hard wearing, durable and chemically resistant. Its film thickness can be varied to accommodate a wide range of conditions.

USE:

As a high performance protective coating for properly prepared masonry and drywall.

SURFACE PREPARATION:

New concrete block must be high pressure washed with potable water using a minimum of 3000 psi pressure and with stiff bristled brushes to remove all water soluble surface contaminants.

Remove all oils or petroleum based residues with a non-rinse biodegradable detergent as per label directions. Currently coated block walls shall have all previous applied coatings removed, including any block fillers, for maximum coatings life. Particular attention should be paid to old coating in the mortar joints, making sure that the old coatings are completely removed.

Alternatively, apply a test patch as per manufacturer's instructions and evaluate adhesion after a minimum of one week cure time.

For all substrates remove any protuberances of excess mortar, cement, etc., by grinding or sanding. When all surface grinding or sanding has been completed the surface should be vacuumed to remove all dust and loose particles before proceeding.

Fill large bug holes and surface imperfections with Induron EFS-707 as per data sheet instructions.

COVERAGE:

Theoretical – 1600 ft sq per gallon at 1.0 mil dry film thickness.

DRY FILM THICKNESS:

5-20 mils per coat

WET FILM THICKNESS:

5-20 mils per coat

APPLICATION DATA

APPLICATION:

Apply Perma-Tuff WF at approximately 100-200 square feet per gallon by brush, roller or spray. If spray applied, back roll and lay off in the same direction with a non-shed fine nap roller.

BLEND RATIO:

Add PERMA-TUFF WF Part B Activator to PERMA-TUFF WF Part A Base. Premix Part A for approximately one minute then pour activator into premixed part A. Mix 2 to 3 minutes moving blade around while mixing. Avoid whipping air into material. It is strongly recommended that only full units be used, that both components are thoroughly mixed, and that all material from the bottom and sides of the container is mixed. Use of partial kits is not recommended. Do Not scrape or drain mixing containers. Do Not thin this material.

POT LIFE:

30 minutes at 80° F

CLIMATE:

Storage of this material at temperatures between 60-80° F will enhance the workability of the mixed material. Use this product only if the substrate temperature and ambient air temperature are between 50° F minimum and 100° F maximum. Also, the substrate must be 5° F above the dew point for a period of two hours after application to avoid condensation occurring on a wet coating.

CURING TIME:

To recoat: 8 hours minimum at 72° F @ 50% RH, 72 hours maximum at 72° F @ 50% RH

Full Cure: 5 days at 72° F @ 50% RH

Note: Lower temperature, higher film build, and/or poor ventilation will retard dry time.

PHYSICAL DATA:

Volume Solids Mixed: 100%

Solids by Weight Mixed: 100%

Weight per Gallon: 14.15 ± 0.2 lbs

Volatile Organic Compounds: 0.7 lbs/gallon

Hazardous Air Pollutants (HAPS): 0.0 lbs/gallon

Colors: A wide variety of colors.

SAFETY DATA:

See individual product label for safety and health information. Individual Material Safety Data Sheets are available upon request.