

RepPoxy WP – Waterproofing Epoxy Concrete Coating

DESCRIPTION:

RepPoxy WP is a high solid, two-part, semi-gloss, epoxy coating system. It is designed as a waterproofing sealant and protective coat for concrete surfaces. Please use the correct product grade that complies with VOC regulations as per federal, state, county and city regulations/codes at the place of installation of product.

Uses:

- Waterproofing of both negative and positive sides
- Coating of concrete floors and walls
- Waterproofing of any concrete substrates
- Abrasion resistant finish for concrete floors
- Warehouse Rubber-wheeled vehicles resistant
- Heavy foot traffic resistant
- High abrasion and chemical resistance areas
- Laboratories, Clean rooms, factories

Features:

- 99% solids epoxy coating system
- Low VOC
- Seals moisture away from concrete cracks
- Meets NSF Standard 61 for all components
- Low viscosity for easy application
- Long pot life
- Pre-measured packaging of components.
- Prolongs service life of concrete surfaces
- Exceptional tensile strength
- Good chemical resistance for long-term protection
- Easily applied with paint-like viscosity
- Available in standard colors on request
- Excellent bonding to all structural substrates
- Super abrasion resistance for long-term wear.
- Fast in service time - 24 Hours or less

Technical:

RepPoxy WP meets or exceeds the ASTM C881, Types I and IV, Grade 1, Class C standard.
AWWA D103-06 ICS #1, #2, #3, #5 Steel Tank Coatings
ANSI/NSF Standard 61 Compliant
Meets requirements for TXDOT DMS-6100 Type X Epoxy.
USDA Incidental Food Contact Requirements Compliant
NFPA Class A Flame Spread & Smoke Compliant

Coverage Guide:

100 sq.ft / gallon (9.3 sq.m / 3.8 liter) 16 mils
200 sq.ft / gallon (4.65 sq.m / 1.9 liter) 8 mils
300 sq.ft / gallon (3.1 sq.m / 1.26 liter) 5 mils

TuffTex Materials, Inc.



Preparation:

Proper surface preparation is imperative for maximum service life. The concrete surface to be coated should be cleaned of all dirt, oil, grease, loose particles, and previous coatings. This is best achieved by sandblasting and or water blasting, then ensuring that the surface is completely dry. For ultimate adhesion results, apply **TuffTex PrepEtch**, eco-friendly etcher, for 20- 30 min on cleaned concrete surface to be coated in order to achieve a Concrete Surface Profile of 2-3.

Mixing:

Combine and mix **RepPoxy WP** components Resin Side A and Converter Side B in proportional parts as packaged by the manufacturer. A mechanical agitator such as a power drill with a mixing paddle attached should be used for about one minute per gallon of material being mixed. Hand mixing should be limited to very small projects. When using **RepPoxy WP** epoxy, combine three parts of Side A and 1 part of Side B. Mix thoroughly. Properly mixed, the epoxy will be uniform gray, without visible streaks.

Application:

Apply a thin, uniform film of mixed **RepPoxy WP** to the substrate to be coated using a brush, roller or airless spray equipment at desired mil thickness from Coverage Guide making sure of uniform coverage. Take care not to puddle materials and ensure even coverage.

Clean Up:

Uncured epoxy may be cleaned off tools with Methyl Ethyl Ketone (MEK), Toluene, Xylene, or solvent blends.

Caution: *These solvents may damage plastics*

RepPoxy WP



Packaging:

1 Gallon Unit:

Side A: 1 gallon can containing ¾ gallons Base (2.84 liters)
Side B: 1 quart can Converter (0.95 liters)

4 Gallon Unit:

Side A: 1 pail containing 3 gallons Base (11.36 liters) Side B:
Disposable hdpe Tray with nylon bag containing 1 gallon
Converter (3.8 liters)
(Side A and Side B are packaged together in the same pail)

Color:

Concrete Gray, White

Custom colors available upon request



Storage & Shelf Life:

The material should be stored between 40°F – 95°F (4°C – 35°C) in a cool, dry area away from direct sunlight.

The shelf life of properly stored unopened containers is 24 months (two years). An excessive temperature differential and/or high humidity can shorten the shelf-life expectancy.

Limitations:

DO NOT place at temperatures below 40°F (5°C). Avoid hazards by following all precautions found in the Safety Data Sheets (SDS), product labels, and technical literature. Wear protective gloves and goggles. Avoid prolonged skin contact.

Environmental Requirements:

Follow sound environmental practices when disposing of epoxy wastes. Dispose of all empty containers separately. Dispose leftover material by mixing epoxy and allowing it to cure prior to disposal.

Physicals:	
Mixing Ratio	3:1 by volume
Pot Life	110 min @ 77°F (25°C)
Coverage	100 sq.ft / gal
Solids	99.05% by weight 98.33% by volume
Weight per Gallon	Side A Resin: 13.81 lbs. Side B Converter: 8.02 lbs
Dry Time	6 hours
Recoat time	6 to 24 hours
Final Cure	7 days
Temperature resistance Intermittent	To 175°C (350°F)
Temperature resistance Continuous	To 120°C 250°F)

Warranty:

Due to the use of this product beyond our control, we assume no liability for damages of any kind, and the user accepts the product "as is" and without warranties, expressed or implied, from either **TuffTex Materials, Inc.** or its agents. The suitability of the product for an intended use shall be solely up to the user. Our only obligation shall be to replace or pay for any material proved defective, with our liability limited to the purchase price of materials supplied by us.