

Product Description

PolyTrac FP WC is a two component, polyurethane wear layer. It designed for use in conjunction with rubber granules to create a system that timely rebounds (return of energy) as part of a non-porus sport surface. PolyTrac FP WC is a rebounding layer for elite running track systems for both competitive performance and cushioning for training.

Features

- All Purpose Temperature Flexibility
- Excellent Tensile Strength and Elongation
- Good Freeze-Thaw Flexibility
- Good Resilience
- Outstanding Working Time

Packaging

5 gallon kit: 1 gallon (10.2 lbs) of A side and 4 gallons (41.6 lbs) of B side

5 drum kit: 1 drum (510 lbs) of A side and 4 drums (2,080 lbs) of B side

5 tote kit: 1 tote (2,550 lbs) of A side and 4 totes (10,400 lbs) of B side

Color

Clear to Light Amber

Note: PolyTrac FP WC can also come pigmented upon request at an additional cost.

Mixing

Prepare Side B: Thoroughly mix Side B before use to ensure proper consistency.

Mixing Ratio: Combine 1 gallon (10.2 lbs) of Side A with 4 gallons (41.6 lbs) of Side B.

Mixing Process: Blend Side A and Side B together until homogeneous.

Large Batch Mixing: For larger volumes, follow the example below:

Example: Mix 9 gallons (91.8 lbs) of Side A with 36 gallons (374.4 lbs) of Side B.

Apply the mixture promptly after for best results.

Installation

The material to be mixed should be dry and free of oil and debris.

Cure time is dependent on humidity and temperature. High temperature and/or high humidity will cure faster than low temperature and/or low humidity.

Technical Data

Mix Ratio	A:B
by Volume	1:4
by Weight	24.5:100
Specific Gravity	Side A: 1.22 ± 0.01 Side B: 1.25 ± 0.01
Tensile Strength, ASTM D412	1800 ± 300 psi 12.4 ± 2.07 MPa
Elongation, ASTM D412	160 ± 20%
Hardness Shore A	75 ± 5
Tear Resistance, Die C, ASTM D624	140 ± 20 pli 24.5 ± 3.51 kN/m
Viscosity @80°F (26°C)	Side A: 250 ± 100 cPs Side B: 1500 ± 500 cPs

Note: Above physicals are from lab results

Storage

PolyTrac FP WC is supplied in drums and totes. Once a container has been opened, care should be taken to exclude moisture. Best temperatures for storage are 75-95°F (25-35°C). If stored at higher temperatures, or if moisture is not excluded, shelf-life may be reduced.

Safety

Wear protective equipment. Avoid contact with eyes and skin. Safety Data Sheets (SDS) are available from Polycoat Products. SDS are furnished to customers to provide handling and disposal information.

Warning

This product contains isocyanates.



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