



# EnduraTread XP-1191

Advanced Hybrid Epoxy Rubberized Topcoat  
Preliminary Technical Data Bulletin

## PRODUCT DESCRIPTION

**EnduraTread XP-1191** is a thick-film, 100% solids, proprietary formulated epoxy-based rubberized compound designed to protect surfaces from heavy impact. **EnduraTread XP-1191** may also be used on floors in areas where protection is needed for employees standing for long periods of time. **EnduraTread XP-1191** is trowel-applied from 125-2000 mils DFT depending on the level of protection desired, and is flexibilized to reduce coating stress resulting from mechanical and physical forces exerted on the substrate. The rubber is functionally treated to react into the system to prevent pre-mature failure. **EnduraTread XP-1191** is a two-component system; Resin and Hardener.

## TYPICAL USES

- \* Inmate weightlifting areas
- \* Process floors & concrete areas
- \* Pulp and Paper Services
- \* Loading Docks

## BENEFITS

- Fast Turnaround time (Cures in 12-36 hours at ambient temperature)
- Superior wide range chemical resistance
- High abrasion resistance
- Flexible to reduce coating stress caused by substrate movement and impact
- High-build, monolithic application process (125-2000 mils DFT) (1/8 inch - 2 inches)
- Excellent adhesion to primed steel, concrete and fiberglass substrates
- Low cured shrinkage
- VOC compliant

## TECHNICAL DATA

Weight, lbs/gal. .... 8.97+/- 0.5

Recommended Thickness, mils DFT .....125-2000

Theoretical Coverage, mil sq.ft./gal. .... 1604  
(Depends on porosity)

VOC Content (mixed), g/l ..... <100

Flash Point (mixed), °F ..... >200

Pot Life, minutes @ 77°F ..... 15

Color(s) ..... **Black**

Coverage to Achieve Dry Film Thickness, sq.ft./gal.  
(Actual - allows for approximate loss of 10%)

@ 125 mils .....	11.51
@ 250 mils .....	5.75
@ 500 mils .....	2.88
@ 1000 mils .....	1.44

**Drying Time (@ 77°F and 50% relative humidity)**

To Touch ..... 2 hours

To Handle ..... 5 hours

To Recoat ..... 2 to 5 hours

**Cure Time\* to Achieve a Minimum Barcol hardness of 65 (@ 77°F and 50% relative humidity)**

**For Immersion Service.....**8-10 hours  
\*Force curing is required for low temperature applications to expedite curing process.

## APPLICATION INFORMATION

**Method**  
For standard application and repairs, a trowel may be used.

**Minimum Temperature of Application (Air)**  
45 °F, otherwise force curing is required.

**Thinning**  
Not recommended or desired.

**Handling**  
Store at moderate temperatures (65-85°F) prior to product application for ease of handling and mixing. Additional heating may be required and is recommended for spray application.

## **TECHNICAL DATA (continued)**

### **Pre-Heating**

If preheating is required, heat each component to 95-120 °F prior to mixing.

### **Mixing**

Mechanically pre-mix each component; add the hardener into the resin and then mix the combined compound at 400-600 rpm for 3 to 4 minutes.

### **Surface Preparation**

All surfaces shall be clean and dry, free of dust, dirt, oil or any other foreign matter. Steel surfaces shall be abrasive blasted to SSPC SP-5, or NACE #1 “white metal” finish with a minimum 2.5 mil surface profile. Concrete surfaces shall be abrasive blasted to remove all laitence and other surface contaminants. A suitable primer should be used. For additional information regarding surface preparation specifications and techniques, please contact our technical services department.

## **PACKAGING AND SHIPPING INFORMATION**

All Wolverine Coatings Corporation’s EnduraTread products are packaged as two-component units consisting of a slack-filled pail of resin and a slack-filled pail of hardener. Kits are available in 1G, 4G, 15G, and 150G units.

**DOT Class (resin) – Not regulated**

**DOT Class (hardener) –Paint Related Material, 8,  
DOT Number UN 3066, III**

All shipments are freight collect, F.O.B. Shipping Point (Florida, South Carolina, Georgia, or Texas).

## **GENERAL SAFETY GUIDELINES**

Wolverine Coatings Corporation products are for industrial use only and installed only by qualified coating and lining contractors. Store in a cool, dry area away from direct sunlight, sources of ignition and other hazards. Personnel shall wear protective clothing and eyewear, solvent-resistant gloves and OSHA approved respiratory equipment. Avoid contact with eyes and skin. Do not ingest or inhale. In some cases may cause skin irritation and allergic reactions. Refer to product Material Safety Data Sheets (MSDS) for information regarding emergency and first aid procedures, health effects, reactivity data and other special precautions. All work shall be performed in accordance with current OSHA regulations.

The information contained herein is to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no warranty of results and assume no liability for any damages incurred by the use of this product. Our products are sold on the condition that the user evaluates them, as well as our recommendations, to determine the suitability for a particular purpose. The user is solely responsible for the selection of Wolverine Coatings Corporation products.