

# POLAFLOOR PUR BRUSHABLE™

## Highly Chemical Resistant Coating



Performance  
Coatings & Sealants  
Systems

### DESCRIPTION

POLAFLOOR P.U.R. BRUSHABLE combines the properties of silicon carbide, Kevlar\* and urethane chemistry to produce a high-performance engineered coating. An ultra-high performance three-part urethane floor coating, it is designed for the most severe interior and exterior service. POLAFLOOR P.U.R. BRUSHABLE has exceptional resistance to most industrial chemicals and provides a tough, wear-resistant surface that resists both impact and abrasion.

### OUTSTANDING FEATURES

- ✓ Highly impermeable to fluids
- ✓ Resists the leaching of chemicals through the coating .
- ✓ Easy to clean yet provides traction enhancement
- ✓ Suitable for industrial floors, tanks, pits, gullies and secondary containment areas
- ✓ Stands up to vehicular traffic and diverse industrial activities
- ✓ Produces a hard, lightly textured surface

### APPLICATION

All surfaces to be coated must be clean, dry and completely free of loose particles, grease, oils, or any substance that would interfere with proper bond. All preparation work including substrate repairs and expansion joints must be completed prior to

application. If PUR BRUSHABLE is to be applied over a waterproofing membrane, the membrane should be thoroughly inspected to insure that it has completely set and is devoid of pinholes or interruptions. Add the Part A to the Part B while stirring thoroughly with a drill-type stirrer. Mixing must be continued for 3 minutes total. The mix should then be poured back and forth between the 2 component cans twice, then stirred a further minute. The Part C should be stirred into the mixture immediately and stirred for 2 minutes until a uniform paste consistency is achieved. Careful attention to detail will help to produce the desired result in appearance and performance. Once mixed, PUR BRUSHABLE has approximately 40 minutes working time at 70°F and will have developed an initial cure

suitable for foot traffic within 24 hours. The floor may be placed into full service within 48 hours. Equipment may be cleaned with toluene, xylene, or aromatic naphtha before the PUR BRUSHABLE has hardened.

### LIMITATIONS

Do not apply to frozen or damp surfaces. Do not apply if the application cannot be protected from precipitation for at least 4 hours. Full chemical resistance properties are not achieved until 5 days after application. Foot traffic may not resume until 24 hours after application. Only skilled coating applicators should use this product.

### MAINTENANCE

If an area of PUR Brushable becomes damaged, it should be mechanically removed down to

SPECIFICATIONS	
Sealer Type	Kevlar* Modified Urethane
VOC	Zero
Pot Life	40 minutes @ 70°F
Shelf Life	12 months
Recommended Thickness	20 mils dry film thickness
Coverage	50 square feet/unit
Packaging	20 pound unit
Color	Black

\* Dupont's Registered Trademark

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the substrate. The edges surrounding the patch should be sanded and primed with Polaprime 21 and new PUR BRUSHABLE may be applied.

**PRECAUTIONS**

Before using, read M.S.D.S. thoroughly. During handling of this product, use splash

goggles, rubber gloves and full coveralls. During mixing, particle/dust masks should be worn. Do not ingest. In case of ingestion, do NOT induce vomiting and seek immediate medical attention. Avoid contact with skin and eyes; in case of contact, flush with clear water for

15 minutes. For contact with eyes, seek immediate medical attention in addition to flushing.

Keep out of reach of children and pets.

TECHNICAL DATA		
<b>Solids Content</b>	100% (B.W.); 100% (B.V.)	ASTM D-1044
<b>Compressive Strength</b>	12,060 psi	ASTM C-109
<b>Tensile Strength</b>	2,685 psi	ASTM C-109
<b>Linear Heat Expansion</b>	2.6 - 10 K	ITR (DIN)
<b>Heat Conductivity</b>	0.97 W/K.M	ITR (DIN)
<b>Grinding Wear</b>	10.3 cm3	ITR (DIN)
<b>Water Vapor Transmission</b>	0.75 gms/M2/hr (=0.05 perms)	ASTM E-96
<b>Chemical Resistance</b>	See Polafloor PUR Report #1	
<b>VOC Content</b>	Zero	ASTM D-1044

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