

Section 1: Description

High performance non skid. This product is a finely ground polypropylene that can be mixed into liquid resin/hardener mixture or sprinkled on after the liquid has been spread on your surface. After drying the surface is generally very rough. To customize this texture sanding with 100 grit sandpaper. By sanding this very aggressive texture can be made useful for any number of uses.

Section 2: Advantages

Traction surface to prevent slipping.

Section 3: Applications

- Internal Flooring
- External non skid applications
- Boat Decks
- Windsurfing Decks
- SUP Decks
- Stairs
- Pool Decks
- Diving boards
- Skateboard Decks

Section 4: Handling Precautions

Refer to the Safety Data Sheet

Section 5: Storage Life

At least 12 months from the date of manufacture in the original sealed container at ambient temperature. Store away from heat and excessive humidity in tightly closed containers.

Section 6: Typical Properties

In Combination with RR 2040 epoxy resin
Appearance: White Powder
Color (Gardner) 1 - 2 white
Viscosity @ 77 °F (cP) 6000 mixed in.
EEW - 180
Specific Gravity @ 77 °F 1.14
Density @ 77 °F (lb/gal) 9.5
Flash Point (closed cup) (°F) NA
Recommended Mix Ratio: 1/4 to 1/3 mix by volume with epoxy/hardener mixture.

Section 7: Typical Handling Properties

Gel Time (130g mix @ 77 °F) (min)
18 Minutes - Fast Hardener
40 Minutes - Slow Hardener
160 Minutes - Extra Slow Hardener
Thin Film Set Time
 @ 77 °F (hr) 1.5 Fast - 4 Slow - 12 X Slow
 @ 57 °F (hr) 4.5 Fast - 12 Slow - 36 X Slow
Peak Exotherm (100g mix @ 77 °F)
 Fast 198F Slow 180F X Slow - 150F
Peak Exotherm Time (min)
 22 Fast - 48 Slow - 170 X Slow
Use Level: 1/4 to 1/3rd mixed in by volume to epoxy/hardener mix or sprinkled on previously applied resin. This method is done using a shaker or a flour sifter.

Section 8: Typical Performance

(7 day cure @ 77 °F)
Heat Deflection Temperature (°F) 125
Tensile Strength (psi) 9500
Tensile Modulus 398,000
Tensile Elongation (%) 4.3
Flexural Strength (psi) 14,400
Flexural Modulus 470,000
Hardness (Shore D) 83
Compression Yield 15,200

Section 9: Typical Cure Schedules

Not Applicable