

Specialized Industrial Materials

All Purpose Hybrid Polyurea Hybrid Protective Coating Description

Features

Tear Resistance

All Purpose Hybrid is formulated to give superior toughness and tear resistance from a flexible, low thickness coating.

Mar Resistance

All Purpose Hybrid resists scratches and scuffs from regular use and transport of finished items.

Excellent Adhesion

All Purpose Hybrid soaks into the surface of prepared wood, foam, and concrete for long lasting durability.

Water Resistant

All Purpose Hybrid provides a water resistant membrane to protect substrate from moisture and spills.

Application

All Purpose Hybrid should be applied through a two-component, high pressure proportioning unit. Material and hose heaters should be heated to 150°F. Pressure should be a minimum of 2200 psi. If A side and B side pressures are not equal, stop spraying and examine equipment.

Be sure to consult with a Specialize Industrial Materials representative for equipment and application training.

All Purpose Hybrid is a 1:1, fast-set, spray applied two-component polyurea hybrid coating. It is 100% solids and contains zero VOCs.

All Purpose Hybrid is a versatile coating that can be applied over foam, wood, concrete, or steel. It exhibits excellent tensile, tear, and elongation properties as well as promoting strong adhesion to foam, wood and substrates without applying a primer.

Technical Data

Property	Value
Hardness, Shore A	90
Hardness, Shore D	45
Tensile Strength, psi	3,500
Elongation, %	250
Tear Strength, pli	350
Abrasion Resistance, mg loss CS17 wheels, 1000g, 1000 cycles	20
Application Temperature	
Substrate, °F	40 to 100
Ambient, °F	40 to 100
Gel Time, sec @ 77°F	10
Cure to Touch, sec @ 77°F	40
Cure to Handle, sec @ 77°F	80
Recoat Window, min @ 77°F	30

*Reactivity Data for material sprayed applied over wood

*Values obtained in a laboratory setting for comparison purposes only and should not be considered specifications.

Safety

This product is for industrial use only. Avoid contact with eyes and skin. Do not inhale or ingest. When spraying, wear a respirator or a fresh air hood. Spraying indoors requires forced ventilation. Be sure to read the SDS in its entirety prior to using All Purpose Hybrid.

Packaging, Storage, & Shelf Life

All Purpose Hybrid is available in 55 gallon drums and 275 totes. It should be stored in sealed containers between 60°F and 90°F. Shelf life is 12 months under normal conditions.

Revised 10/2015

