

# Technical Data

## INTELLATHANE® 530 HT-AM

### DESCRIPTION:

**Intellathane® 530 HT-AM** is the latest in 100% polyurea technology, offering high tensile strength and anti-microbial properties. Intellathane® 530 HT-AM product lines are used as a chemical resistant and abrasion guard for the protection of steel, concrete, wood and foamed plastics.

### UNIQUE PROPERTIES:

100% solids and fast cure produces a high build membrane in seconds. Intellathane® 530 HT-AM product lines have over 25 years of proven field performance as the ultimate maintenance coating.

High performance: Intellathane® 530 HT-AM produces a tough membrane with excellent low temperature flexibility and high tensile strength. Intellathane® 530 HT-AM has excellent chemical resistance and abrasion properties.

High resistance to moisture during cure: Intellathane® 530 HT-AM can be sprayed in 100% humidity down to temperatures below freezing without the blowing problems that occur with urethane coatings. That means better performance and long term wear properties.

Low viscosity: The Intellathane® 530 HT-AM lines of coatings have always offered the lowest viscosity resins on the market. Low viscosity improves mix efficiency with conventional urethane equipment. That also means better performance in your applications.

See next page for typical properties:



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## TYPICAL PROPERTIES:

<b>Liquid Components:</b>	<b>A Component</b>	<b>B Component</b>
Viscosity	400 cps	500 cps
Weight per gallon	9.9 lbs.	8.5 lbs.
Ratio by volume	50	50
Cured Resin:		
Gel Time	10-12 seconds	
Shore D	50-55D	
Tensile Strength	3600 psi	
Tear Strength, Die C	510 pli	
% Elongation	350 %	
Specific gravity	1.02	
Color standard	white, black, and grey	
Antifungal assessment,		
AATCC method 30-2004	surface inhibition 100%	
AATCC method 147-2011	contact inhibition 100%	



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## STORAGE AND USE:

Filled and pigmented resins will separate upon storage. Premix the B component prior to use each day.

Urea resins are sensitive to moisture and must be kept dry at all times. Blanket open drums with nitrogen when in use. Keep unused materials tightly sealed in a dry environment. Store drums between 70° and 90° F.

Intellathane® 530 HT-AM components are temperature sensitive and will freeze. Should the components freeze they can be heated to 100° F and remixed prior to use. Storage of the A component below 55° degrees F will lead to reduced product performance.

**Warning:** Do not reseal isocyanate drums if exposed to moisture, pressure may develop and rupture drum.

See MSDS and labels for more information.

Call **Accella Polyurethane Systems** for technical questions. 770-607-0755.

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