

# HTE RESIN FLOOR

## HYDROTHANE SERIES H-5100



### PRODUCT DATA SHEET

PRODUCT OVERVIEW	BENEFITS
HTE Resin Floor is a 2K waterborne polyurethane coating that offers durability and protection to vinyl and linoleum flooring.	HTE Resin Floor offers superior durability to vinyl and linoleum flooring. With excellent resistance to chemicals and abrasion, it is a reliable interior coating for high wear applications.
FEATURES	SURFACE PREPARATION
<ul style="list-style-type: none"> <li>• Excellent hardness</li> <li>• Excellent impact resistance</li> <li>• Excellent mar and abrasion resistance</li> <li>• Excellent linear flexibility</li> <li>• Low VOC</li> </ul>	<p><b>Vinyl:</b> Sweep the area to be coated, scrub the area with soap and water and rinse the area with water. Allow the floor to dry completely before applying HTE Resin Floor.</p> <p><b>Linoleum:</b> See preparation for Vinyl surfaces.</p>
FINISH	COATING PREPARATION
Available in: Gloss Color: Any	Mix Part A, scraping the sides and bottom of the container, thoroughly before measuring out the correct volume. With Part A measured out and constantly mixing, measure Part B and slowly pour into Part A. Part A and Part B must be thoroughly mixed before thinning the coating to the desired viscosity with water and applying to the substrate.
SPREAD RATE	<p>Tinted: 4 Parts A : 1 Part B by volume 1 Quart: 6.4 fl oz Part B to 25.6 fl oz Part A 1 Gallon: 25.6 fl oz Part B to 102.4 fl oz Part A</p> <p>Clear: 3 Parts A : 1 Part B by volume 1 Quart: 8.0 fl oz Part B to 24.0 fl oz Part A 1 Gallon: 32 fl oz Part B to 96 fl oz Part A</p>
Theoretical Coverage: 802 sq.ft. per gallon @ 1 mil Recommended Coverage: 534 sq.ft. per gallon @ 1.5 mil	
SUBSTRATES	<p><b>APPLICATION METHODS</b></p> <p><i>With the surface and coating properly prepared, follow the below recommendations.</i></p> <p>Add deionized water to reach the correct viscosity level. For best results, filter the coating through a fine mesh cone strainer.</p> <p>Temperature should be above 60°F and relative humidity should be above 20% at the time of application.</p> <p><b>Spraying:</b> Apply a tack coat followed by a medium wet coat over the surface. Apply with an HVLP spray gun with tip size of 1.8-2.0 mm and air pressure of 25-40 psi. Nozzle size, air pressure, and viscosity are all important parameters for proper application, flow, and leveling of the coating.</p> <p><b>Brushing/Rolling:</b> Apply two coats with an appropriate brush or paint roller.</p>
<ul style="list-style-type: none"> <li>• Vinyl</li> <li>• Linoleum</li> </ul>	
SPECIFICATIONS	<p><i>With the surface and coating properly prepared, follow the below recommendations.</i></p> <p>Add deionized water to reach the correct viscosity level. For best results, filter the coating through a fine mesh cone strainer.</p> <p>Temperature should be above 60°F and relative humidity should be above 20% at the time of application.</p> <p><b>Spraying:</b> Apply a tack coat followed by a medium wet coat over the surface. Apply with an HVLP spray gun with tip size of 1.8-2.0 mm and air pressure of 25-40 psi. Nozzle size, air pressure, and viscosity are all important parameters for proper application, flow, and leveling of the coating.</p> <p><b>Brushing/Rolling:</b> Apply two coats with an appropriate brush or paint roller.</p>
<p>Binder Type: Urethane</p> <p>Volume Solids: 50 ± 2% * varies by color</p> <p>Weight Solids: 54 ± 2% * varies by color</p> <p>Weight per Gallon: 8.9 lb</p> <p>Flash Point: 320°F / 160°C</p> <p>VOC: Part A: 70 g/L Part B: 3 g/L Combined, Clear: 53 g/L</p> <p>Shelf Life: 12 months, unopened</p> <p>Pot Life: 45 - 60 minutes *varies with temp and RH</p>	

# HTE RESIN FLOOR

## HYDROTHANE SERIES H-5100



### PRODUCT DATA SHEET

PERFORMANCE DATA	DRY TIMES												
<p><i>No performance data available</i></p>	<p><i>HTE Resin Floor can be air dried. Applying air via fans or blowers will shorten dry time.</i></p> <table border="0"> <tr> <td>Cure Conditions:</td> <td>75°F/24°C</td> <td>75°F/24°C &amp; XXX cfm</td> </tr> <tr> <td></td> <td>@ 50% RH</td> <td>@ 50% RH</td> </tr> <tr> <td>Recoat:</td> <td>TBD</td> <td>TBD</td> </tr> <tr> <td>Dry to Handle:</td> <td>TBD</td> <td>TBD</td> </tr> </table>	Cure Conditions:	75°F/24°C	75°F/24°C & XXX cfm		@ 50% RH	@ 50% RH	Recoat:	TBD	TBD	Dry to Handle:	TBD	TBD
	Cure Conditions:	75°F/24°C	75°F/24°C & XXX cfm										
	@ 50% RH	@ 50% RH											
Recoat:	TBD	TBD											
Dry to Handle:	TBD	TBD											
<th data-bbox="703 562 1482 604">CLEAN-UP</th>	CLEAN-UP												
<p>While coating is wet, water may be used for cleaning. After the coating dries, solvents may be required for clean up.</p>													