

# HTE CONCRETE FLOOR

## HYDROTHANE SERIES H-5000



### PRODUCT DATA SHEET

PRODUCT OVERVIEW	BENEFITS
HTE Concrete Floor is a 2K waterborne polyurethane coating that offers durability and protection to concrete flooring.	HTE Concrete Floor offers superior durability to concrete substrates. 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>	<b>Concrete:</b> Sweep the area to be coated, scrub the area with water and a push broom, and use a concrete cleaner to remove oil and grease. Rinse the area with water and use an etching additive.
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.  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  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
SPREAD RATE	
Theoretical Coverage: 802 sq.ft. per gallon @ 1 mil Recommended Coverage: 534 sq.ft. per gallon @ 1.5 mil	
SUBSTRATES	
<ul style="list-style-type: none"><li>• Concrete</li></ul>	
SPECIFICATIONS	APPLICATION METHODS
Binder Type: Urethane Volume Solids: 50 ± 2% *varies by color Weight Solids: 54 ± 2% *varies by color Weight per Gallon: 8.9 lb Flash Point: 320°F / 160°C VOC, Material: 84 g/L VOC, Coating: 146 g/L Shelf Life: 12 months, unopened Pot Life: 45 - 60 minutes *varies with temp and RH	<i>With the surface and coating properly prepared, follow the below recommendations.</i>  Add deionized water to reach the correct viscosity level. For best results, filter the coating through a fine mesh cone strainer.  Temperature should be above 60°F and relative humidity should be above 20% at the time of application.  <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.  <b>Brushing/Rolling:</b> Apply two coats with an appropriate brush or paint roller.

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PERFORMANCE DATA	DRY TIMES												
<p><i>No performance data available</i></p>	<p><i>HTE Concrete 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
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Recoat:	TBD	TBD											
Dry to Handle:	TBD	TBD											
<p><b>CLEAN-UP</b></p> <p>While coating is wet, water may be used for cleaning. After the coating dries, solvents may be required for clean up.</p>													