

# TECHNICAL DATA SHEET



## MULTI-SURFACE AM

UMB-1205AM

<b>PRODUCT DESCRIPTION</b>	<b>Nano-Ceramic Clear Coating (for exterior or interior use).</b> <b>proTECHzÜ 1205AM - Multi-Surface AM:</b> <ul style="list-style-type: none"> <li>• is a high performance, single component, ambient air cure Hydrophobic product.</li> <li>• creates a covalent bond to the substrate creating an intrinsic bond to the surface.</li> <li>• is an inert (benign) material when cured and will not contaminate surrounding environments.</li> <li>• has extreme hydrophobic properties making it an ideal water repellant surface coating.</li> <li>• is "odour free" once the coating has cured and creates a "High-Quality Natural Look."</li> <li>• has extreme UV resistance and chemical resistance. It soaks in – doesn't just on the surface.</li> </ul>		
<b>PROPERTIES</b>	<b>Colour</b> Clear	<b>Conical Bond</b> (1/8 inch mandrel)	Passed (ASTM D522-93a)
	<b>Viscosity</b> 16-18 sec. #2 Zahn	<b>Crosscut Adhesion</b>	5B (ASTM D3359)
	<b>Percent of Solids</b> 18%	<b>Coefficient of Friction</b>	0.03µ (ASTM D2047)
	<b>Odor (liquid)</b> Slight Solvent	<b>Specific Gravity</b>	0.889 (ASTM D891-09)
	<b>Odor (cured)</b> None	<b>Pencil Hardness</b>	8h (ASTM D3363)
	<b>V.O.C.</b> Exempt per CFR 51.1/regulation 8	<b>Average Applied Dry Film Thickness</b>	2 to 5 microns
	<b>RoHS</b> Compliant	<b>Estimated Coverage Rate</b> (at 3 microns)	4,200 sq./ft. per gallon*
	<b>REACH</b> Compliant	<b>Transfer to surrounding material</b>	Zero (0) transfer of contaminates
	<b>Halogens</b> None	<b>Dry to touch</b> (time @ Ambient)	15 – 25 minutes** (average)
	<b>Thermal Stability (cured)</b> 1200°F + (648.8°C)	<b>Ambient cure</b> (full properties)	5 days

(\* will vary depending on surface)

(\*\* a warm airflow will reduce time required to reach "Dry to the Touch")

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