



**ELITE SURFACE PROTECTOR**

UMB-1189AM

<p><b>PRODUCT DESCRIPTION</b></p>	<p><b>Nano-Ceramic Clear Coating (that greatly reduces drag).</b>  <b>proTECHzÜ 1189AM - Elite Surface Protector:</b></p> <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 tiles, marble, granite, ceramic, vinyl tile, VCT tile, marmoleum and similar surfaces.</li> <li>• is an inert material when cured and won't contaminate nearby environments or food.</li> <li>• has extreme hydrophobic properties making it an ideal water repellent surface coating.</li> <li>• is "odour-free" once the coating has cured and produces a "High-Quality Matte Finish."</li> <li>• has extreme UV resistance and chemical resistance. It soaks in – doesn't just sit on the surface.</li> <li>• is FDA compliant and food safe.</li> <li>• contains an antimicrobial additive that will help to protect the treated surfaces from germs.</li> </ul>		
<p><b>PROPERTIES</b></p>	<p><b>Colour</b> Clear</p>	<p><b>Conical Bond</b> (1/8 inch mandrel)</p>	<p>Passed (ASTM D522-93a)</p>
	<p><b>Viscosity</b> 16-18 sec. #2 Zahn</p>	<p><b>Crosscut Adhesion</b></p>	<p>5B (ASTM D3359)</p>
	<p><b>Percent of Solids</b> 24%</p>	<p><b>Coefficient of Friction</b></p>	<p>0.03µ (ASTM D2047)</p>
	<p><b>Odor (liquid)</b> Slight Solvent</p>	<p><b>Specific Gravity</b></p>	<p>0.889 (ASTM D891-09)</p>
	<p><b>Odor (cured)</b> None</p>	<p><b>Pencil Hardness</b></p>	<p>8h (ASTM D3363)</p>
	<p><b>V.O.C.</b> Exempt per CFR 51.1 / regulation 8</p>	<p><b>Average Applied Dry Film Thickness</b></p>	<p>2 to 5 microns</p>
	<p><b>RoHS</b> Compliant</p>	<p><b>Estimated Coverage Rate</b> (at 3 microns)</p>	<p>4,200 sq./ft. per gallon</p>
	<p><b>REACH</b> Compliant</p>	<p><b>Transfer to surrounding material</b></p>	<p>Zero (0) transfer of contaminates</p>
	<p><b>Halogens</b> None</p>	<p><b>Dry to touch</b> (time @ ambient)</p>	<p>15 – 25 minutes** (average)</p>
	<p><b>Thermal Stability (cured)</b> 1200°F + (648.8°C)</p>	<p><b>Ambient cure</b> (full properties)</p>	<p>5 days</p>

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

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