

# TECHNICAL DATA SHEET



## MULTI-SURFACE

QP-1205

|                            |   |  |                                   |
|----------------------------|---|--|-----------------------------------|
| <b>PRODUCT DESCRIPTION</b> | <p><b>Nano-Ceramic Clear Coating (for exterior or interior use).</b><br/> <b>QproTECH Multi-Surface QP-1205:</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 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 repellent 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><br>(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><br>(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 wood type)

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

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