

TECHNICAL DATA SHEET



QUICK SEAL

QP-707

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| PRODUCT DESCRIPTION | <p>Nano-Ceramic Clear Coating (that greatly reduces drag). QproTECH Quick Seal QP-707:</p> <ul style="list-style-type: none"> • is a high performance, single component, ambient air cure thin-film product. • creates a covalent bond to the substrate making an intrinsic part of the material. • is an inert (benign) material when cured, will not harm marine life or waterways. • is an extreme hydrophobic coating with super slick properties, greatly reducing drag. | | | |
| PROPERTIES | Colour | Clear | Conical Bond (1/8 inch mandrel) | Passed (ASTM D522-93a) |
| | Viscosity | 16-18 sec. #2 Zahn | Crosscut Adhesion | 5B (ASTM D3359) |
| | Percent of Solids | 19% | Coefficient of Friction | 0.03μ (ASTM D2047) |
| | Odor (liquid) | Slight Solvent | Specific Gravity | 0.889 (ASTM D891-09) |
| | Odor (cured) | None | Pencil Hardness | 8h (ASTM D3363) |
| | V.O.C. | Exempt per CFR 51.1 / regulation 8 | Average Applied Dry Film Thickness | 2 to 5 microns |
| | RoHS | Compliant | Estimated Coverage Rate (at 3 microns) | 4,200 sq./ft. per gallon |
| | REACH | Compliant | Transfer to surrounding material | Zero (0) transfer of contaminates |
| | Halogens | None | Dry to touch (@ room temp.) | 10 – 25 minutes** (average) |
| | Thermal Stability (cured) | 1200°F + (648.8°C) | Ambient cure (full properties) | 6 hours |

(** a warmer airflow will reduce time required to reach "Dry to the Touch")
 (Exposure to direct sunlight or warmer ambient air will reduce time required to reach a fully cross-linked cure)

