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PC4 Acrylic Polyurethane Topcoat/DTM 1400 Series Non-Sanding Primer

PCI™

TECHNICAL DATA SHEET

**PC4 ACRYLIC POLYURETHANE TOPCOAT / DTM 1400 SERIES NON-SANDING PRIMER
 PERFORMANCE DATA**

TEST METHOD	SYSTEM (7 day, ambient temp. cure)	RESULTS
ASTM D-3359 Adhesion	Cold Rolled Steel Solvent wipe 0215 Metal Conditioner 2.2 mils DFT DTM 1400 Primer 1.2 mils DFT PC4/PC-04 Topcoat	100% retention (no tape off)
ASTM D-4587 QUV Resistance Accelerated Weathering	Cold Rolled Steel Solvent wipe 0215 Metal Conditioner 2.2 mils DFT DTM 1400 Primer 1.2 mils DFT PC4/PC-04 Topcoat	Gloss - 96% retention after 2012 hours delta E color change - 0.13 after 2012 hours No blistering, rusting, checking or cracking
ASTM B-117 Salt Fog	Cold Rolled Steel Solvent wipe 0215 Metal Conditioner 2.2 mils DFT DTM 1400 Primer 1.2 mils DFT PC4/PC-04 Topcoat	No blistering or rusting on unscribed areas after 500 hours ASTM D-1654 Rating of 10 Less than 1/64" creepage from scribe after 500 hrs. ASTM D-1654 Rating of 9
ASTM D-2287 Humidity Resistance	Cold Rolled Steel Solvent wipe 0215 Metal Conditioner 2.2 mils DFT DTM 1400 Primer 1.2 mils DFT PC4/PC-04 Topcoat	No blistering, cracking, softening or delamination after 500 hours Gloss - 97% retention after 500 hours
ASTM D-1308 Chemical Resistance 24 hour spot test	Cold Rolled Steel Solvent wipe 0215 Metal Conditioner 2.2 mils DFT DTM 1400 Primer 1.2 mils DFT PC4/PC-04 Topcoat	87 octane unleaded gasoline - rating 5 no effect 10% aqueous sulfuric acid - rating 5 no effect
ASTM D-5402 Chemical Resistance solvent rubs	Cold Rolled Steel Solvent wipe 0215 Metal Conditioner 2.2 mils DFT DTM 1400 Primer 1.2 mils DFT PC4/PC-04 Topcoat	Xylene - 200 double rubs no effect Methyl ethyl ketone (MEK)-200 double rubs no effect 87 octane unleaded gasoline - 200 double rubs no effect.
ASTM D-522 Flexibility	Cold Rolled Steel Solvent wipe 0215 Metal Conditioner 2.2 mils DFT DTM 1400 Primer 1.2 mils DFT PC4/PC-04 Topcoat	180 degree bend, 1/4" mandrel - pass