

Performance Test Results

PERFORMANCE SPECIFICATION	TEST	RESULTS BY PRODUCT
Impact Resistance ASTM D2794 (Coating on steel Q panel)	Direct (Test maximum = 160 in/lbs)	MC100: 60 in/lbs PC200: > 160 in/lbs AC1200: > 160 in/lbs ST: 60 in/lbs
Stain Removal ASTM D1308 (4 hour open spot test using Graffitimaster cleanser)	Red lipstick, mustard, ketchup, black permanent marker, red ink pen, grape juice, black spray paint (Test maximum = 10)	MC100: black marker = 8, all others = 10 PC200: all = 10 AC1200: all = 10 ST: black marker = 8, all others = 10
Chemical Resistance	Loss of adhesion Effect of household chemicals* on clear and pigmented organic finishes (Test maximum = 10)	MC100: all = 10 PC200: all = 10 AC1200: all = 10 ST: all = 10
Weathering ASTM G53	% Gloss retention QUV accelerated weathering (500 hours)	MC100: 100% PC200: 97.3% AC1200: 98.0% ST: 100%
Fire Rating ASTM E-84-91a	Flame Spread Index (FSI) Smoke Developed Value (SDV)	All: Class "I" or "A" MC100: FSI-0, SDV-5 PC200: FSI-0, SDV-5 AC1200: FSI-20, SDV-5 ST: FSI-0, SDV-5 MC2000: FSI-15, SDV-5 CPC: FSI-10, SDV-5 UC: FSI-10, SDV-5
VOC (less water)	Content	MC100: 49 g/L PC200: 142 g/L AC1200: 39 g/L ST: 49 g/L MC2000: 139 g/L CPC: 146 g/L UC: 112 g/L
Odor	Sprayed indoors	All: latex paint smell
Flash Point	Flammability	All: non-flammable (aqueous)
Dry Time	77° F	All: to touch – 20 min. (varies with conditions); to retouch – 2 hours

Product Key:

MC100 = Master-Coat 100, PC200 = Premium-Coat 200, AC1200 = Armor-Coat 1200, MC2000 = Metalli-Coat 2000, ST = ScrubTough
 CPC = Clear PearlCoat, UC = UltraClear

*Muriatic acid, Gasoline, Motor oil, 5% NaOH, Transmission fluid, Spic & Span, Water, and Coca-Cola.