



BULLETIN

MADISON CHEMICAL INDUSTRIES INC.

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MG Epoxy Series Summary of Properties

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MG SOLVENT-FREE EPOXIES - SUMMARY TABLE

	MG-120	MG-125	MG-201	MG-220
Mix Ratio	2:1	2:1	1:1	1:1
Set Time	5 hours	5 hours	6 hours	6 hours
Pot Life	50 min	40 min	1 hour	1 hour
Viscosity After Mixing	15 000 cps	20 000 cps	2500 cps	24 000 cps
Hang	14 – 16 mils	>20 mils	2 – 3 mils	15 mils
Topcoat Ability ⁽²⁾	1800 psi GF	1970 psi GF	1800 psi GF	2040 psi GF
Recoat Ability ⁽³⁾	1920 GF	1800 GF	2000 GF	1940 GF
Adhesion	2150 GF	2050 ½ GF	2420 GF	2520 GF
Cathodic Disbondment	7 mm	7 mm	10.5 mm	7.5 mm
Abrasion	108 mg loss	126 mg loss	43 mg loss	63 mg loss
Impact	50 inch-lbs	50 inch-lbs	40 inch-lbs	45 inch-lbs
Hardness	80	80	80	80
Description	Touch – up material	Higher viscosity and hang version of MG-120	Penetrating Sealer/ Primer	Thicker version of MG-201
UV-Stability	Poor	Poor	Poor	Poor
Chemical Resistance	Excellent	Excellent	Good	Good
Available Versions/Color	White, Off-White, Black, Gray (CM),	White	Clear (CM), Other colors available upon request	Clear

NOTES:

- (1) The MG 2XX series was designed to be an epoxy primer with a better topcoat ability than the MG1XX series, although the MG1XX series has better chemical resistance.
- (2) Panels were top coated with AcrylaThane 55 within 24 hours.
- (3) Second coat of same product after 24 hours under lab conditions