

Description

MAXON Technologies C2M is a dual component system, consisting of C2M Emulsion, a uniquely blended binding agent, and C2M Powder, a super-fine specialized cement powder. C2M has the ability to bond with metal surfaces and provide a surface coating that encases and protects old deteriorating, ferrous products. C2M contains various anti-corrosion agents and superior bonding strength. High adhesion = high corrosion resistance.

C2M is environmentally friendly due to its use of recycled industrial material, extremely low VOC level, and ease of application and use. C2M has an advantage over other coating systems by providing asset protection against many freeze/thaw, chemical and abrasion threats.

NOTE: Maxon C2M is not a structural or restorative product and should only be used on substrates that are structurally sound.

Benefits

- Simplified surface preparation
- Can be applied via brush, spray, or roll
- Remarkable ease of application
- Extends time between maintenance cycles
- Extremely cost effective
- Resists abrasion, freeze/thaw, thermal shock
- Extreme climate resistance (-80 to +500F)
- Ease of clean-up (only water)
- Odorless
- Minimal labor requirements
- Uniquely flexible (up to 90 degrees)
- Resists various chemical environments

| TEST | TEST TYPE | COATING | RESULT / RATING |
|-----------------------------|---------------------|--------------------|-------------------|
| ISO 1519:2002 | Bend | IB111, no top coat | PASS |
| ISO 12944 | Salt Spray (scribe) | IB111, top coat | All standards met |
| ASTM B117-O1654 (96 hours) | Salt Spray (scribe) | IB111, top coat | 9 |
| ASTM B117-O1654 (192 hours) | Salt Spray (scribe) | IB111, top coat | 9 |
| ASTM B117-11 (96 hours) | Salt Fog | IB111, top coat | 9 and 10 |
| ASTM B117-11 (96 hours) | Salt Fog | IB111, no top coat | 8 and 9 |
| ASTM B117-11 (192 hours) | Salt Fog | IB111, no top coat | 7 and 8 |
| ASTM B117-11 (192 hours) | Salt Fog | IB111, top coat | 9 |
| ASTM 01654 (96 hours) | Salt Spray (scribe) | IB111, no top coat | 9 |
| ASTM 01654 (192 hours) | Salt Spray (scribe) | IB111, no top coat | 9 |
| ASTM 04541 (5 day cure) | Pull | IB111, no top coat | 289 psi |
| ASTM 04541 (14 day cure) | Pull | IB111, no top coat | 693-722 psi |
| ASTM 04541 (21 day cure) | Pull | IB111, no top coat | 875 psi |
| ASTM 04541 (28 day cure) | Pull | IB111, no top coat | 1,047 psi |