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| System: | Sol-ar™ |
| Application Method: | Electrostatic gun (manual/automatic) |
| Appearance: | Smooth finish, good flow |
| Gloss: | 25 - 50 units on 60° gloss meter |
| Specific Gravity: | 1.2 – 1.7 |
| Coverage: | 115 – 160 sqft/lb/1mil (depending on color) |
| Hardness: | Minimum H (ASTM D3363) |
| Color Availability: | Wide color pallet range |
| Impact Resistance: | 3mm deformation @ 3 mils - - pass 60 in/lb direct, 40 in/lb indirect (ASTM 2764) |
| Salt Spray: | 4,000 hrs – no failure (ASTM B117) |
| Humidity: | 4,000 hrs – no blistering on the surface (ASTM D2247) |
| Weathering: | 8,000 hrs Xenon Arc (ASTM G155) Color change: less than Δ E 5.0 (ASTM 2244) Gloss retention: greater than 50% retention (ASTM D523) |
| Curing Instructions: | 10 minutes at 400°F (204°C) or 15 minutes at 375°F (191°C) (metal temperature) |
| Heat Resistance: | Up to 450°F (232°C) |
| Features: (Contributes to LEED credits) | <ul style="list-style-type: none"> • Meets AAMA 2605 • Good mar and abrasion resistance • Excellent chemical resistance • Color and over-bake stability • Good physical and mechanical properties • Extended outdoor durability • Anti-graffiti properties |
| Recommended Film Thickness: | 2.5 to 4 mils |
| Maximum Recommended Storage Temperature: | 80°F (27°C) |
| Date: | September 21, 2012 |