



# Technical Bulletin

## Premium Silver Vein HLRS 92915

**Description:** Thermosetting powder coating based on a blend of epoxy and polyester. Hybrids are designed for interior applications where exterior durability is not required. This product is manufactured in a unique way in which the aluminum is homogenous, producing an extremely consistent product that can be reclaimed.

**Typical Applications:** Shelving, dinette furniture, institutional furniture, toys, displays, beds etc.

<b>Typical Properties:</b>	Film Thickness (ASTM D)	2.5 – 4.0 mil
	Gloss 60'angle (Visual)	Semi
	Hardness (ASTM D-3363-92A)	2H
	Flexibility (ASTM D-1737-89)	1/8 inch
	Adhesion (ASTM D-3359-95A)	5B (100%)
	Impact Direct/Indirect (ASTM D-2794-93)	up to 160 in-lbs.
	Salt Spray (ASTM B117)	1000Hrs < 1/8"
	Specific Gravity (calculated)	1.26 +/-0.05

**Application Data:** Hybrids are to be applied with a corona electrostatic powder spray gun at between 60kv – 100 kv. Hybrids can also be formulated for tribo or fluid bed application upon request.

**Cure Schedules:** Hybrids can be cured in a direct or indirect gas convection oven, an electric oven, or an Infra red. A combination of any of these ovens is also suitable.

**Standard Cure:** 10 Minutes @ 375<sup>o</sup>f Peak Metal Temperature

**Storage:** Product should be stored at temperatures below 80<sup>o</sup>f, in a dry area away from any heat source.

**Notes:** All tests were performed on Bonderite 1000, iron phosphated panels with a nominal film thickness of 2 mils. Lower gloss levels may require higher cure temperatures or longer dwell times. Please refer to the MSDS for safety information.

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