

H SERIES

HYBRID POWDER COATINGS

FILM CHARACTERISTICS

These results are based on tests conducted on steel panels (thickness 0.53mm) pretreated with iron phosphate, coated with a thickness of 1.8 – 2.2 mils, and baked at 400°F for 7 minutes.

PROPERTY	TEST METHOD	RESULT
Adhesion	Cross Hatch ASTM D3359	Excellent
Hardness	Pencil-Eagle Turquoise ASTM D3363	2H
Flexibility	180° conical mandrel ASTM D522	Excellent
Impact Resistance	ASTM D2794	From 40 to 160 in/lb direct and reverse depending on formulation
Humidity Resistance	ASTM D2247, 1000 hrs	Excellent
Salt Spray Resistance	ASTM B117, 1000 hrs	Less Than 1/16" creepage at scribe
Abrasion	Taber Abraser CS-10, 1000 gms, 1000 cycles ASTM D4060	75-90 mg
Water Immersion Resistance	ASTM D870, 500 hrs	Excellent
Overbake Resistance	200% overbake	From poor to very good depending on colour and formulation

N.B. This table expresses typical properties of H Series Powder Coating. Its purpose is not intended to give exact specifications for any particular product. Individual products may give different results. For exact specifications, consult the Technical Information Sheet for the individual product in question



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