



**ARMORGUARD<sup>®</sup>** XD-20  
DURABLE EXTERIOR COIL COATING





#### UNIQUE BENEFITS

- Good combination of value and protection
- Good interior/exterior performance
- Commercial and residential applications

#### SUGGESTED END USES

- Commercial building components
- Residential building components
- Portable Storage Buildings



#### The ArmorGuard XD-20 system combines exterior durability and value

Formulated with a proprietary high-durability polyester resin, this system contains the right balance of exterior grade pigments to provide color stability and overall value. The tough yet flexible proprietary resin, combined with its long-term exterior weathering performance, makes ArmorGuard XD-20 coatings your cost-effective choice for exterior building components where scratch and abrasion resistance are needed in addition to forming flexibility.

#### Quality guaranteed

Available in a wide range of colors and gloss levels, an efficient intermix color matching process provides quick delivery of special colors to meet customer needs. ArmorGuard XD-20 coatings are designed for application to primed metal substrates which include hot dipped galvanized steel, Zinalume®, Galvalume®, Zam®, and aluminum. ArmorGuard XD-20 is designed to be applied as a two-coat proprietary system which includes the topcoat, primer, and backer coatings. When properly applied, the system will provide years of service for your building products.

#### Sustainability

ArmorGuard XD-20 can be formulated using Infrared Reflective (IR) or “cool pigments” to comply with industry energy conservation initiatives such as LEED, Title 24, Energy Star®, and ASHARE. Use of “cool” pigmented coil coatings can help reduce energy consumption for conditioned living space and reduce expansion and contraction of metal panel to help increase the useful life.



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### TECHNICAL DATA

SPECIFICATIONS	TEST STANDARD	ALUMINUM SUBSTRATE	COATED STEEL SUBSTRATE
Dry Film Thickness (Nominal)	ASTM D1005	0.15-0.30 mil primer 0.70-0.90 mil topcoat	0.15-0.30 mil primer 0.70-0.90 mil topcoat
Gloss	ASTM D523 @ 60°	10-80+	10-80+
Pencil Hardness	ASTM D3363	F min.	F min.
Flexibility <sup>2</sup>	T-bend, ASTM D4145	1-2 T-bend, no pick-off	1-2 T-bend, no pick-off
Adhesion	ASTM D3359	1.5x metal thickness; No adhesion loss	1.5x metal thickness; No adhesion loss
Reverse Impact	ASTM D2794	2x gauge or 80" lbs.	2x gauge or 80" lbs.
Salt Spray Resistance	ASTM B117 5% salt fog @ 95° F	Passes 1,000 hrs.	Passes 1,000 hrs.
Humidity Resistance	ASTM D714, ASTM D2247 100% relative humidity @ 95° F	Passes 1,000 hrs. No blisters, cracks or peeling	Passes 1,000 hrs. No blisters, cracks or peeling
Exterior Exposure	ASTM D2244, ASTM D4214 10 yrs. @ 45°, South Florida	Passes	Passes

