

DYNAKOTE II™ Coil Coating System

A high performance coat for window trim applications

Dynakote II™ coatings are field-proven, high performance finishes specially formulated for window trim applications. The proprietary high molecular weight resin technology of Dynakote II delivers exceptional film flexibility and long-lasting color protection. The excellent adhesion and flexibility properties of Dynakote II coatings provide superior post forming performance to enhance the coated product's appearance and durability for years to come.

Benefits

Dynakote II coatings provide a number of unique benefits including:

- Exceptional flexibility and formability
- Excellent overall adhesion
- Superior scratch resistance

Colors

Dynakote II coatings are available in a variety of popular industry standard colors.

Substrates

- Aluminum

End Uses:

Dynakote II coatings are specially formulated, non-fogging coatings for window trim applications such as muntin bars and screen frames.

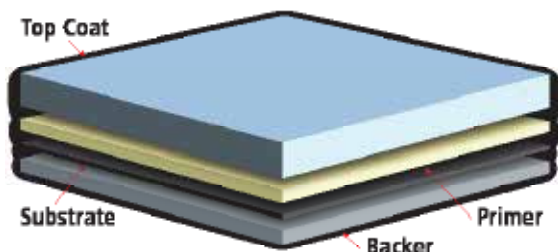


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DATA	PERFORMANCE SPECIFICATIONS	PRODUCT PERFORMANCE
TECHNICAL DATA	Specular Gloss at 60° ASTM D 523 ²	± 5% of customer specification
	Surface Appearance	Smooth
	Pencil Hardness: ASTM D 3363	F to 2H
	Flexibility ASTM D 4145	0T Single coat or two coats on aluminum
	Adhesion: Impact ASTM D 2794 Cross-Hatch ASTM D 3359	1.5x ¹ metal thickness inch-pounds, no loss of adhesion No loss of adhesion between coating and substrate to point of metal rupture with 1/8" cross-hatch scribe pattern through coating to bare metal.
	Solvent Resistance	The number of MEK double rubs varies by primer selected.
	QUV Resistance, 1000 hours ASTM G 53	No objectionable loss of gloss, blistering, cracking, chalking or color change.
	Humidity Resistance Humidity 100% RH 2000 Hours: ASTM D 2247	No blistering or loss of adhesion
	Salt Spray: 1000 hours 5% salt fog at 95°F ASTM B 117	No field blistering. No more than 1/32" creep from the scribe.
	Dry Heat Resistance: 10 minutes Exposure at 250°F	1-2T-no fracture
APPLICATION	Application Method	Reverse roll coat
	Substrate ⁵	Aluminum

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Dynakote II may be applied as a single coat finish of 0.65-0.85 mils or utilized with a primer



Top coat: 0.65 – 0.85 mils

(1) Dynakote II may be applied as a single coat finish or utilized with a primer (2) American Society for Testing and Materials. (3) Dynakote II is not designed to bridge cracks in the substrate. (4) Varies by color. (5) Dynakote coatings will generally meet the requirements for most post-painted fabrication processes. However, variations in metal quality, thickness or cleaning/pretreatment applications can lead to diminished flexibility.

For details and health, safety and handling information, Material Safety Data Sheets (MSDS) are available at www.valsparcoilextrusion.com.

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