

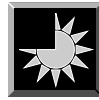


ACRODIZE™



END USES

For today's type of construction; the low-rise structure. Acrodize™ is appropriate for non-monumental office, commercial, industrial, institutional, storefront, residential or interior projects.



Specially formulated for today's type of construction; the low rise structure, Acrodize™ is made with 50% PVDF (fluoropolymer) (Kynar® or Hylar®) resins. Because of this, Acrodize™ offers excellent resistance to chalking and fading. This coating is formulated to be hard, which is an important feature for paints used on storefronts, fast food restaurants, schools and universities, shopping malls, and other projects which come in contact with heavy foot traffic.

Acrodize™ offers a sophisticated pearlescent look usually found in more expensive coatings. But don't let the good looks fool you! This value engineered product is formulated and priced for use on the non-monumental structures which are most typical in today's construction market.

Considering a price-benefit ratio, this product has the most to offer when compared to the performance of 70% PVDF products.

SUBSTRATE **PRIMER (OPTIONAL)**

Aluminum**

Recommended: Fluorprime® Yellow (733X310)*
Others Available: White (731X313), Gray (732X311),
Yellow (733X007)

FIELD PERFORMANCE**

PROJECT: Formulated for use on heavy commercial, commercial, storefront, high-end residential (non-roofing) or interior.
EXPOSURE: Exposed to moderate UV, salt air, acid rain, or air pollution.
ANSI/AAMA 101: For projects classified as Heavy Commercial, Light Commercial or Residential.
INDUSTRY SPECIFICATION: Meets AAMA 2604 (e.g. color change no more than 5ΔE Hunter Units after five years in

South Florida, U.S.A.)
RESIN: 50% PDVF (Kynar® or Hylar®) (fluoropolymer) resin based paint systems will be acceptable.
BUDGET: \$\$
TO SPECIFY WRITE: Factory applied, baked on, 50% PVDF (Kynar® or Hylar®) (fluoropolymer) resin based coating, ACRODIZE™ as manufactured by THE VALSPAR CORPORATION.

*Recommended primer may vary with topcoat color.
**Chemical Pre-Treatment: Class I, Type B Method 5 per ASTM D 1730 Amorphous Chromium Phosphate Treatment or Method 7 Amorphous Chromate Treatment.
This information is based on test reports considered reliable but is presented without guarantee or responsibility as to the applicability correctness of this information or the suitability of our products whether used singly or in combination with other products.



ACRODIZE™

APPLICATION CHARACTERISTICS

Application Method:	Conventional or electrostatic spray
Viscosity: ASTM D 562 (Stormer)	65 to 75 KU
Weight/Gallon: ASTM D 1475 *	9.5 to 10.5 pounds/gallon
Solids by Volume: ASTM D 2697*	32% to 38%
Solids by Weight: ASTM D 2369*	47% to 51%
Reducing Thinner (80/20 Blend):	Xylol/Butyl Carbitol
Clean-Up Solvent:	DAA or MAK
Peak Metal Temperature:	450°F for 10 minutes
MEK Double Rubs:	100
VOC (Theoretical): ASTM D 3960*	5.0 to 5.4 pounds/gallon
Flash Point: ASTM D 3278	75°F
System Dry Film Thickness:	0.8 mil minimum, 1.2 mils total system if meeting AAMA 2604

PHYSICAL PROPERTIES

Gloss (60°Head): ASTM D 523	5 to 35
Pencil Hardness: ASTM D 3363	H minimum
Cross Hatch Adhesion:	No loss of adhesion
Boiling Water (1 Hour)	No loss of adhesion

ACCELERATED TEST DATA

Salt Spray 3,000 Hours: ASTM B 117	Creep from scribe no more than 1/32" (1 mm), No field blisters
Humidity 100% RH 3,000 Hours: ASTM D 2247	No field blisters or change in hardness
Dew Cycle Weatherometer 500 Total Hours: ASTM D 3361	Gloss retention no less than 50%, Chalk 8

**Varies with Color*

For details on health, safety and handling information, MSD sheets are available upon request.



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