

SMP - CERAM-A-STAR® - Prepainted Steel



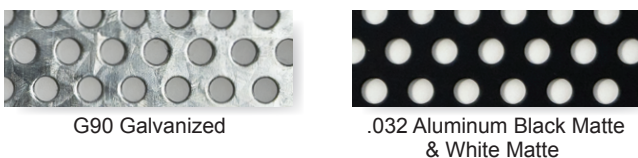
PVDF - TRINAR® - Prepainted Steel



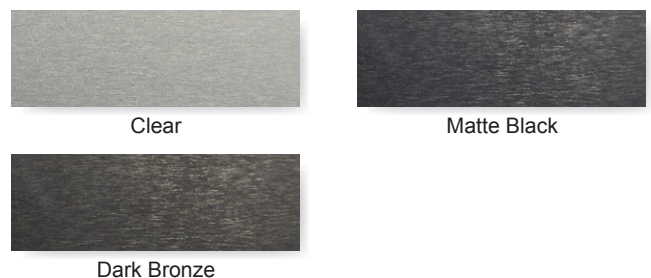
AkzoNobel

Authorized Applicator

Perforated Metal



Anodized Aluminum



SPECIFICATIONS SMP CERAM-A-STAR 1050 & PVDF TRINAR

	SMP Color Coating	PVDF Color Coating
Film Thickness ASTM D5796	0.90 - 1.15 Mils	0.90 - 1.15 Mils
Specular Gloss ASTM D523 Standard @ 60°	35% ± 5%	35% ± 5%
Pencil Hardness ASTM D3363	F	HB
Flexibility T-bend, ASTM D4145	0-2 T-bend; No pick-off	0-2 T-bend; No pick-off
Adhesion ASTM D3359 Reverse impact 1/16" crosshatch	No adhesion loss	No adhesion loss
Impact Resistance ASTM D2794 Direct and reverse impact of 80-inch pounds, using 5/8" steel ball on a Gardner Impact Tester	No cracking or adhesion loss No cracking or adhesion loss	No cracking or adhesion loss No cracking or adhesion loss
Chemical Resistance ASTM D1308 10% hydrochloric acid - 24hrs. 10% sulfuric acid - 24hrs.	No effect No effect	No effect No effect
Kesternich Test 10 cycles SO ₂ Chamber, per ASTM G87	No objectionable color change	No objectionable color change
Abrasion Resistance ASTM D968 Method A	Passes 35 +/- 5 liters/mil of falling sand	Passes 60 +/- 5 liters/mil of falling sand
Salt Spray Resistance ASTM B117 5% neutral salt spray	Passes 1000 hrs. exhibit no blistering, no loss of adhesion and scribe creep no greater than 1/8"	Passes 1000 hrs. exhibit no blistering, no loss of adhesion and scribe creep no greater than 1/8"
Humidity Resistance ASTM D2247 100% relative humidity @ 95% F	Passes 1000 hrs. no blistering, cracking, peeling, loss of gloss or softening of the finish.	Passes 1000 hrs. no blistering, cracking, peeling, loss of gloss or softening of the finish.
Exterior Weathering Florida Exposure (45% South) ASTM D2244 ASTM D4214	5 Hunter ΔE maximum color change at least #8 chalk rating, Method A, after 10 years real-time exposure.	5 Hunter ΔE maximum color change at least #8 chalk rating, Method A, after 20 years real-time exposure.
Warranty	40 Year Limited Warranty	40 Year Limited Warranty

Custom coil slitting for roof / wall / soffit panels

TRINAR®

TRINAR® is a
registered trademark of AkzoNobel

CERAM-A-STAR®

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Metallic Colours are batch sensitive and directional in nature. All Colours can vary from batch-to-batch. Actual colours may vary from the sample shown on the card, physical color plates are available upon request. Oil canning is not a cause for rejection.