

# CRACO METAL SUPPLY, INC.

P.O. Box 1105 • 1122 Johnson Road • York, S.C. 29745  
Phone (803) 684-5544 • Fax (803) 684-2091  
[www.cracometals.com](http://www.cracometals.com)

## *Color Selection Chart*



*Bone White*



*Ivory*



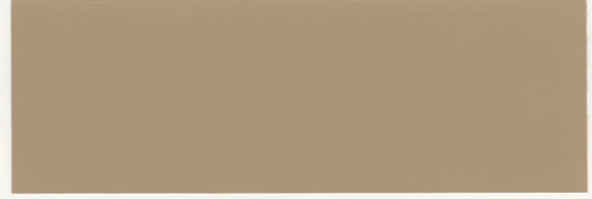
*Old Towne Gray*



*Light Stone*



*Charcoal*



*Mocha Tan*



*Hawaiian Blue*



*Koko Brown*



*Barn Red*



*Forest Green*



*Galvalume*

Please make final color selection with metal samples. Available in Galvalume™ & Galvanized.  
Call for gauges and availability.

Film Properties		Test Methods & Descriptions	CERAM-A-STAR® 1050	
<b>SUBSTRATE</b>			Hot Dipped Galvanized Galfan & Galvalume®	Aluminum
<b>Dry Film Thickness:</b>		ASTM <sup>1</sup> D1400, D1005, D4138 (NCCA <sup>2</sup> II-13,14,15)	0.20 - 0.25 Mils Primer 0.70 - 0.90 Mils Topcoat	0.20 - 0.25 Mils Primer 0.70 - 0.90 Mils Topcoat
<b>PHYSICAL PROPERTIES</b>				
<b>60° Specular Gloss:</b>		ASTM D523	35%	35%
<b>Pencil Hardness:</b>		ASTM D3363 (NCCA II - 12) Eagle Turquoise Pencil	"F" - Minimum	"F" - Minimum
<b>Flexibility:</b>	T-Bend	NCCA II - 9	2T - No Tape-Off	2T - No Tape-Off
	Mandrel Bend	ASTM D522 180° bend around 1/8" mandrel	No Tape-Off	No Tape-Off
<b>Adhesion:</b>		ASTM D3359 (NCCA II - 5) Reverse Impact Cross Hatch	No Adhesion Loss	No Adhesion Loss
<b>Reverse Impact:</b>		ASTM D2794 (NCCA II - 6) 80 inch-pound impact with a 5/8" steel ball or = 2000 x decimal steel thickness in inches	No Adhesion Loss	No Adhesion Loss
<b>ABUSE TOLERANCE</b>				
<b>Abrasion Resistance:</b>		ASTM D968, Liters to expose	30 Liters Per Mil of Film	30 Liters Per Mil of Film
	Falling Sand	5/32" area of substrate	Acceptable	Acceptable
	Transit	Based on topside to backer contact in transit after painting		
<b>Mortar Resistance:</b>		AAMA <sup>8</sup> 605.2 (24 Hour Pat Test)	No Effect	No Effect
<b>Detergent Resistance:</b>		ASTM D2248 3% @ 100°F, 72 Hours	No Effect	No Effect
<b>RESISTANCE TO CORROSION, CHEMICALS &amp; POLLUTION</b>				
<b>Acid Pollutants:</b>		Per ASTM D1308, Proc.6.2:		
	10% Muriatic Acid	24 Hours	No Effect	No Effect
	20% Sulfuric Acid	24 Hours	No Effect	No Effect
	70% Nitric Acid Vapors	AAMA 605.2, ASTM G87 (30 Minutes)	<5 dE Color Change <sup>6</sup>	<5 dE Color Change <sup>6</sup>
	Kesternich Test	SO <sub>2</sub> Cyclic Test, 2 Liters	10 cycles <sup>5</sup>	10 cycles <sup>5</sup>
<b>Alkali Resistance:</b>				
	Sodium Hydroxide	ASTM D1308 10%, 25% (1 Hour)	Minimal Effect	Minimal Effect
<b>Salt Fog:</b>		ASTM B117 5% Salt Fog @ 95°F	1000 Hours <sup>4</sup>	3000 Hours <sup>4</sup>
<b>Humidity:</b>		ASTM D2247 100% Relative Humidity @ 100°F	1500 Hours <sup>7</sup>	1500 Hours <sup>7</sup>
<b>WEATHERING PROPERTIES</b>				
<b>Accelerated Weathering:</b>		ASTM D822, G152, G153 Weatherometer	2000 Hours	2000 Hours
		ASTM D2244 Color	<5 dE Color Change <sup>6</sup>	<5 dE Color Change <sup>6</sup>
		ASTM D4214 Chalk	Maximum #8	Maximum #8
<b>EMMAQUA Testing:</b>		Per ASTM D4141	Superior Results	Superior Results
<b>Exterior Weathering:</b>			Superior: Maximum	Superior: Maximum
	Florida Exposure	ASTM D2244 Color	<5 dE Color Change <sup>6</sup>	<5 dE Color Change <sup>6</sup>
	10 Years @ 45° South	ASTM D659 Chalk	Maximum #8	Maximum #8
	Film Erosion	AAMA 605.2	Less than 20% film loss	Less than 20% film loss

1 American Society Testing and Materials.  
 2 National Coil Coaters Association.  
 3 Higher and lower glosses available upon request.  
 4 Less than 1/8" creep from scribe. No more than few #8 blisters.  
 5 No objectionable color change.  
 6 Hunter d (delta) E color difference units.  
 7 No more than few #8 blisters.  
 8 American Architectural Manufacturers Association.  
 • CERAM-A-STAR® 1050 is a trademark of Akzo Nobel Coatings, Inc.

