

ELITE Series™

# COLOUR PALETTE



## COLOURCOIL® ELITE Series™

- State-of-the-Art INFRA-RED Coating Technology
- Proprietary Infra-Red Ceramic Polyester Paint System
- Anti-Fading & Anti-Staining Paint Formulation
- Unsurpassed Weathering Resistance against Peeling, Flaking and Cracking
- Resistant to Dirt Pickup and Staining
- Exceptional Durability & Integrity unmatched by conventional coating process
- Energy-Efficient Solar-Reflective System
- Environmental Friendly - Mercury and Lead-Free coatings



**Pebble Beige**  
SR : 0.54 SRI : 63.9



**Savannah Green**  
SR : 0.36 SRI : 41.0



**Avalon Brown**  
SR : 0.30 SRI : 30.9



**Mocha Orange**  
SR : 0.50 SRI : 57.1



**Rustic Red**  
SR : 0.36 SRI : 38.3



**Marina Blue**  
SR : 0.30 SRI : 30.4



**Mirage Grey**  
SR : 0.40 SRI : 44.7



**Mulberry Brown**  
SR : 0.35 SRI : 37.7



**Anterra Red**  
SR : 0.29 SRI : 29.0

Colours subject to change according to manufacturer's discretion.

### THICKNESS & WIDTH

### PROPERTIES

Size Availability	
Thickness (BMT)	0.40mm - 1.00mm
Width	600mm - 1250mm
Coil Internal Diameter	508mm - 610mm
Exit Coil Weight	3 mt - 5 mt

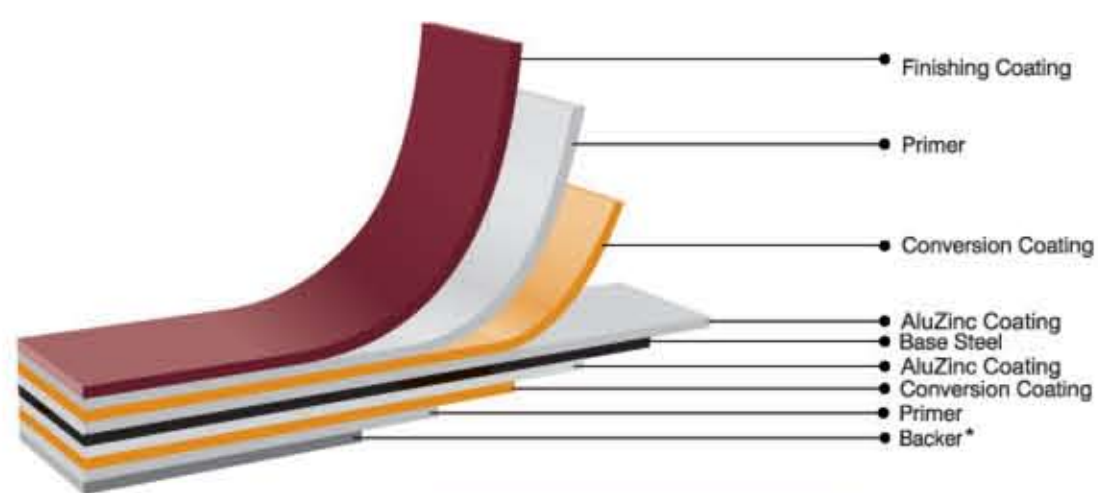
Chemical Properties				
<b>Test</b>	<b>Salt Spray Resistance</b>	<b>Humidity Resistance</b>	<b>Accelerated Weathering</b>	<b>Chemical Resistance</b>
<b>Standard</b>	ASTM B 117-85	ASTM D 2247-87	ASTM D 882-89	ASTM D 1308-87
<b>Condition</b>	5% neutral salt solution spray for 1000 hours	100% humidity at 100° F for 1000 hours	2000 hours in weatherometer	24 hours exposure to 10% HCl and H <sub>2</sub> SO <sub>4</sub>
<b>Result</b>	No blistering and loss of adhesion	No blistering, cracking, peeling and softening	No chalking, blistering or loss of adhesion	No significant colour change

Physical Properties				
<b>Test</b>	<b>Hardness</b>	<b>Impact Deformation</b>	<b>Bend Adhesion</b>	<b>Cross Hatch Adhesion</b>
<b>Standard</b>	ASTM D 3363-74	ASTM D 2794-84	ASTM D 4145-83	ASTM D 3359-87
<b>Condition</b>	Using Faber-Castell pencil	Direct and reverse impact on Gardner Impact Tester	180° T-Bend test	Tape-off on eleven cross scoring line 1/8" apart
<b>Result</b>	F minimum	10 Joule minimum	4T minimum	No paint removal

- **Substrates**  
- Aluminum Zinc Coated Steel

\*Warranty terms & conditions apply

### COATING SPECIFICATION



Top		Back		Gloss
Primer	Finish	Primer	Backer	Level
5	18 - 20	5	5	25%

Unit : Microns μm

#### What is Solar Reflectivity (SR)?

Solar reflectivity or reflectance is the ability of a material to reflect solar energy from its surface back into the atmosphere. The SR value is a number from 0 to 1.0. A value of 0 indicates that the material absorbs all solar energy and a value of 1.0 indicates total reflectance. Energy Star requires an SR value of 0.25 or higher for steep slope (above 2:12) roofing and an SR value of 0.65 or higher for low slope (2:12 or less) roofing. For more information, please go to [www.energystar.gov](http://www.energystar.gov).

#### What is Solar Reflectance Index (SRI)?

The SRI is used to determine compliance with GBI requirements and is calculated according to ASTM E 1980 using values for reflectance and emissivity. Thermal emissivity (TE) is a material's ability to release absorbed energy. To meet GBI requirements, a roofing material must have an SRI of 29 or higher for steep slope (above 2:12) roofing and an SRI value of 78 or higher for low slope (2:12 or less) roofing. For more information, please go to [www.greenbuildingindex.com](http://www.greenbuildingindex.com).

\* Authentic Elite Series are brand marked on the backing coat.

"Superb Durability"



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