

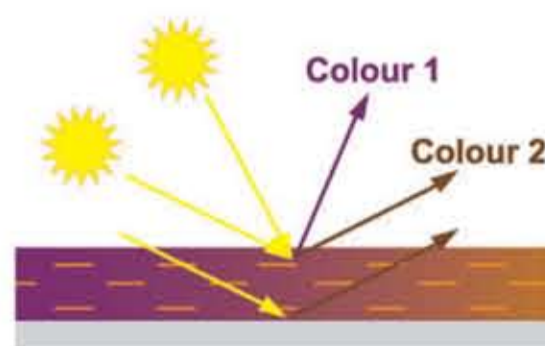


DUOTONE PVF<sub>2</sub> Series™

COLOUR PALETTE

COLOURCOIL® DUOTONE PVF<sub>2</sub> Series™

- State-of-the-Art INFRA-RED Coating Technology
- Genuine 70% Full strength Kynar 500® Fluorocarbon Paint System
- Ultimate Weathering Resistance against Colour Retention Durability
- Resistant to Dirt Pickup and Staining
- Energy-Efficient Solar-Reflective System
- Environmentally Friendly - Mercury and Lead-free coatings
- Ever-Changing colour gradient with amazing highlights
- Exhibits Opulent Appeal



High Tech Production	American Standard	Durability	Thermal Efficiency	Recyclable	Environmental Friendly	Made in Malaysia	AluZinc Steel	PVF <sub>2</sub> Fluorocarbon	Solar Reflective	20/25 Year Warranty*	IKRAM Certified



Ultra Marine  
SR 0.25 SRI 25.35



Ultra Bronze  
SR 0.29 SRI 29.63



Ultra Violet  
SR 0.36 SRI 39.02

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

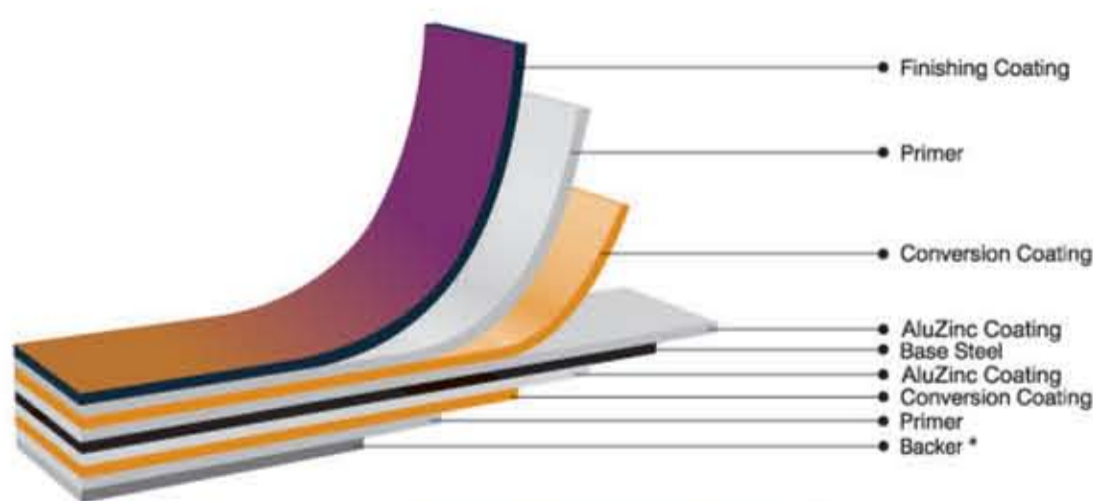
Chemical Properties				
Test	Salt Spray Resistance	Humidity Resistance	Accelerated Weathering	Chemical Resistance
Standard	ASTM B 117-85	ASTM D 2247-87	ASTM D 882-89	ASTM D 1308-87
Condition	5% neutral salt solution spray for 2000 hours	100% humidity at 100° F for 1000 hours	2000 hours in weatherometer	24 hours exposure to 10% HCl and H <sub>2</sub> SO <sub>4</sub>
Result	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				
Test	Hardness	Impact Deformation	Bend Adhesion	Cross Hatch Adhesion
Standard	ASTM D 3363-74	ASTM D 2794-84	ASTM D 4145-83	ASTM D 3359-87
Condition	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
Result	F minimum	10 Joule minimum	4T minimum	No paint removal

- **Substrates**  
 - Aluminum Zinc Coated  
 - Aluminum

\*Warranty terms & conditions apply

COATING SPECIFICATION



Top		Back		Gloss
Primer	Finish	Primer	Backer	Level
5	33 - 35	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 Colourcoil Duotone PVF2 Series are brand marked on the backing coat.

"Opulent Appeal"



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