

METALLIC PVF₂ Series™

COLOUR PALETTE

COLOURCOIL® METALLIC PVF₂ Series™

- State-of-the-Art INFRA-RED Coating Technology
- Genuine 70% Full strength Kynar 500® Fluorocarbon Paint System
- Ultimate Weathering Resistance with outstanding Colour Retention Durability
- Anti-Fading & Anti-Staining Paint Formulation
- Resistant to Dirt Pickup and Staining
- Energy-Efficient, Solar-Reflective finish
- Environmental Friendly - Mercury and Lead-Free coatings
- Special Effects Appeal



High Tech Production	American Standard	Durability	Thermal Efficiency	Recyclable	Environmental Friendly	Made in Malaysia	55% Al-Zn	KYNAR 500	PVF ₂ Fluorocarbon	Solar Reflective	20 Year Warranty*	IKRAM Certified
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Royal Gold
SR : 55.30 SRI : 65.32



Brass
SR : 54.70 SRI : 64.51



Rose Gold
SR : 48.15 SRI : 55.72



Silver
SR : 47.88 SRI : 55.36



Rhodium
SR : 47.47 SRI : 55.02



Bronze
SR : 46.49 SRI : 53.51



Zink
SR : 44.05 SRI : 50.05



Copper
SR : 42.64 SRI : 48.18



Champagne
SR : 37.58 SRI : 41.72

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 1000 hours	100% humidity at 100° F for 1000 hours	2000 hours in weatherometer	24 hours exposure to 10% HCl and H ₂ SO ₄
Result	No blistering and loss of adhesion	No blistering, cracking, peeling and softening	No chalking, blistering or loss of adhesion	No significant colour change

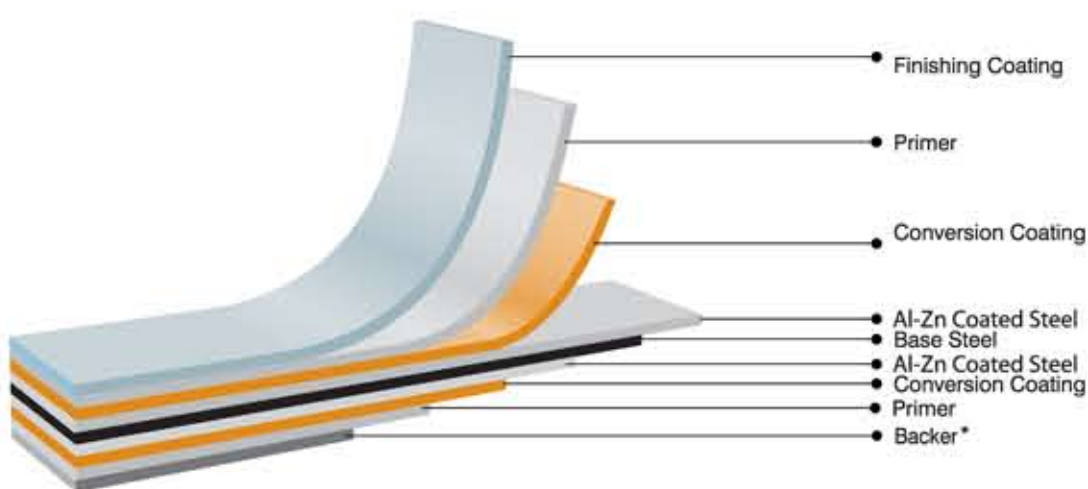
Physical Properties				
Test	Hardness	Impact Deformation	Bend Adhesion	Cross Hatch Adhesion
Standard	ASTM D 3363-74	ASTM D 2794-84	ASTM D 4145-83	ASTM D 3359-87
Condition	Using Faber-Castell pencil	Direct and reverse impact on Gardner Impact Tester	180° T-Bend test	Tape-off on eleven cross scoring line 1/8" apart
Result	F minimum	13 Joule minimum	4T minimum	No paint removal

Substrates

- Aluminum
- Stainless Steel
- 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)?

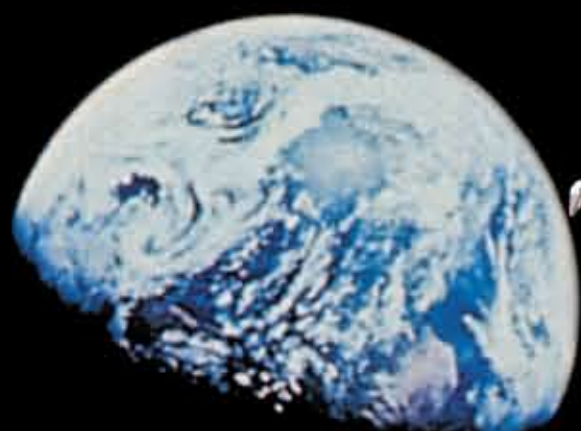
Solar reflectivity or reflectance is the ability of a material to reflect solar energy from its surface back into the atmosphere. The SR value is a number from 0 to 1.0. A value of 0 indicates that the material absorbs all solar energy and a value of 1.0 indicates total reflectance. Energy Star requires 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.

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.

* Authentic Metallic PVF2 Series are brand marked on the backing coat.



"Special Effects"

