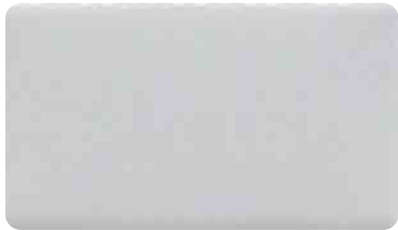


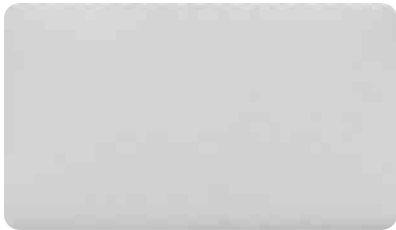




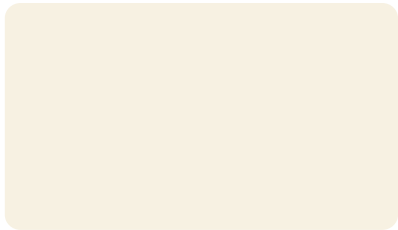
SOLIDCOLORS (PVDF)



SB-120 White Tata



SB-121 White Milk



SB-103 Ivory White



SB-122 Dark Ivory



SB-108 Pure Yellow



SB-106 Brick Orange



SB-105 Red



SB-113 Grass Green



SB-111 Blue



SB-112 Dark Blue



SB-118 Coffee



SB-134 Light Grey



SB-104 Mouse Grey



SB-133 Dark Grey



SB-116 Black

METALLIC COLORS (PVDF)



SB-212 Bright Silver Metallic



SB-201 Silver Metallic



SB-202 Silver



SB-208 Smoke Silver



SB-217 Grey Metallic



SB-207 Mouse Grey Metallic



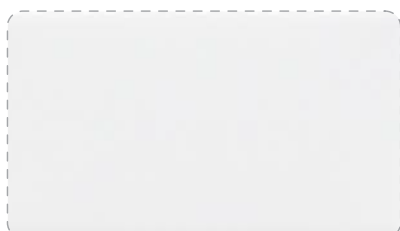
SB-220 Deep blue Metallic



SB-216 Black Metallic



SB-221 Charcoal Metallic



SB-222 White Metallic



SB-206 Champagne Gold Metallic



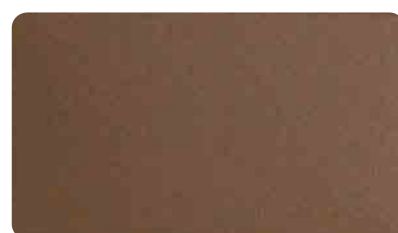
SB-210 Brown Silver



SB-205 Champagne Metallic



SB-211 Coffee Metallic



SB-218 Brown Metallic



SB-204 Gold Metallic



SB-203 Copper Metallic



SB-219 Red Copper

TIMBER (PVDF)



SB-407 White Maple



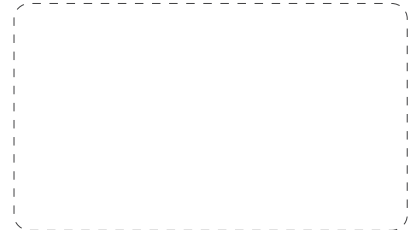
SB-408 Sand Oak



SB-410 Natural Teak



SB-411 Walnut Teak



SPECIAL (PVDF)



SB-701 Cement Grey



SB-702 Brown Stone



SB-703 Rusted Metal



SB-704 White Marble



SB-705 Black Marble



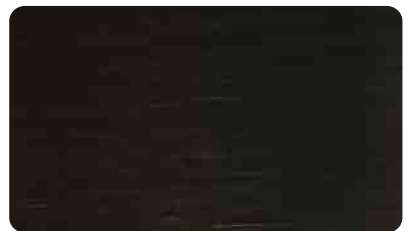
BRUSHED COLORS



SB-301 Silver Brushed



SB-302 Gold Brushed



SB-305 Grey Brushed

PEARL (FEVE)



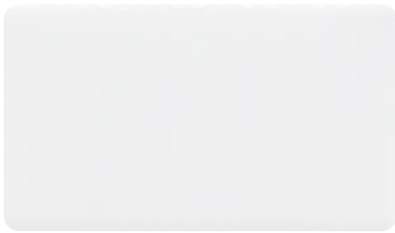
SB-501 Cream Pearl



SB-502 White Pearl



HIGH GLOSS (FEVE)



SB-601 Hi-Gloss White



SB-604 Hi-Gloss Yellow



SB-606 Hi-Gloss Orange



SB-602 Hi-Gloss Red



SB-605 Hi-Gloss Blue



SB-607 Hi-Gloss Black

GENERAL PROPERTIES

Testing Item	Standard	Result
Unit weight	ASTM D792	t3min=4.6kg/m ² t4mm=5.5kg/m ²
Outdoor temperature resistance	ASTM D1654	No abnormality
Thermal expansion	ASTM D696	3.0 X 10 ⁻⁵ °C ⁻¹
Thermal deformation	ASTM D648	115 °C
Thermal conduction	ASTM 976	0.102kcal/m.hr °C
Flexural rigidity	ASTM C393	14.0 X 10 ⁵
Impact resistance	ASTM D732	180 kg-cm
Adhesive strength	ASTM D903	0.74kgf/mm
Sound-insulation rate	ASTM E413	29 dB
Flexural Elasticity	ASTM D790	4055kg/mm ²
Shear resistance	ASTM D732	2.6kgf/mm ²
Minimum bending radius	ASTM D790	≥ 300mm
Fire propagation	ASTM E84	Qualified
Smoke developed	ASTM E84	45
Wind-pressure resistance	ASTM E330	Passed
Properties against water	ASTM E331	Passed
Properties against air	ASTM E283	Passed

PVDF COATING FINISH

Testing Item	Standard	Result
Finish coat thickness	ISO 2360 (CNS 8406)	27.6 um
Gloss	ASTM D523-99	20-45%
Pencil hardness	ASTM D3363-00	2H
Toughness	ASTM D4145-83	2T no rift
Adhesive force	ASTM D3359-97	4 B
Impact resistance	ASTM D2794-93	> 100kg.cm
Abrasion resistance	ASTM D968-93	64.6L/mil
Mortar resistance	ASTM 605.2-91	24 hrs No blister
Humidity resistance	ASTM D714-97	4000 hrs No Blister
	ASTM D2247-02	
Boiling-water resistance	ASTM D3359-B	Passed
Salt-spray resistance	ASTM B117-03	4000 hrs No Blister
Acid resistance	ASTM D1308-87	No Effect
	AAMA 605.2-91, TEST#7, 7.31	
Alkali resistance	ASTM D1308-87	Passed
Solvent resistance	ASTM D2248-73	Passed
	ECCA T5&NCCA NO.11-18	
Color retention	ASTM D2244-93	ΔE = 0.30
Chalk resistance	ASTM D4214-98	No Chalking
Gloss retention	ASTM D2244-93	87 %

ISO 9001:2015

ISO 14001:2015

OHSAS 18001:2007

KYNAR 500

HYLAR 5000



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