SIAMBOND

2020

COLOR CHART

SOLID COLORS (PVDF)

SB-120 White Tata

SB-121 White Milk

SB-102 Flat White

SB-103 Ivory White

SB-122 Dark Ivory

SB-108 Pure Yellow

SB-107 Orange

SB-106 Brick Orange

SB-105 Red

SB-125 Lemon Green

SB-113 Grass Green

SB-117 Brown Coffee

SB-111 Blue

SB-112 Dark Blue

SB-118 Coffee

SB-104 Mouse Grey

SB-116 Black

SB-132 Black Shine

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-216 Black Metallic

SB-220 Deep blue Metallic

SB-209 Jade Green Metallic

SB-205 Champagne Metallic

SB-206 Champagne Gold Metallic

SB-204 Gold Metallic

SB-210 Brown Silver

SB-218 Brown Metallic

SB-211 Coffee Metallic

SB-203 Brown Copper Metallic

SB-213 Pink Copper

SB-219 Red Copper

TIMBER (PVDF)

SB-407 White Maple

SB-408 Sand Oak

SB-409 Golden Oak

SB-410 Natural Teak

SB-411 Walnut Teak

SB-406 Dark Oak

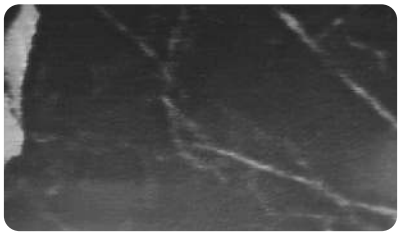
SPECIAL (PVDF)

SB-701 Cement Grey

SB-702 Brown Stone

SB-703 Rusted Metal

SB-701 White Mable



SB-705 Black Mable

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

This color chart is only for reference, please confirm the colour with color sample.
This color may slightly vary between production lots, to ensure the color consistency. We recommend placing total requirement in one order.

TOTAL ALUMINIUM COMPOSITE MANUFACTURER

GENERAL PROPERTIES

Testing Item	Standard	Result
Unit weight	ASTM D792	t3min=4.6kg/m2 t4mm=5.5kg/m2
Outdoor temperature resistance	ASTM D1654	No abnormity
Thermal expantion	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 105
Impact resistance	ASTM D732	180 kg-cm
Adhesive strenght	ASTM D903	0.74kgf/mm
Sound-insulation rate	ASTM E413	29 dB
Flexural Elasticity	ASTM D790	4055kg/mm2
Shear resistance	ASTM D732	2.6kgf/mm2
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
Adhensive 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	$\Delta E = 0.30$
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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