

Dubond[®]

ALUMINIUM COMPOSITE PANEL

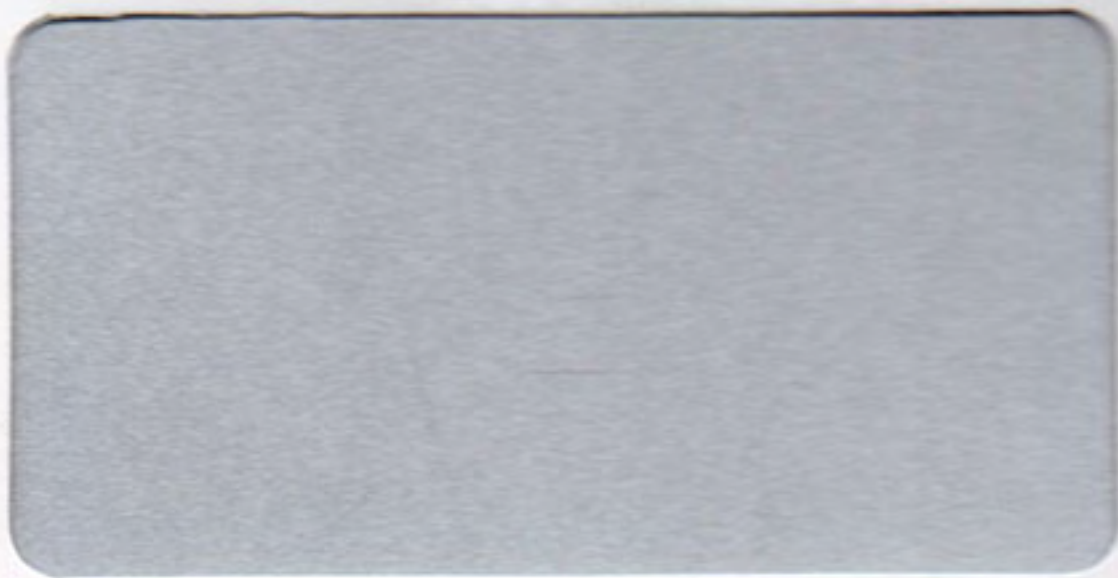


COLOR CHART

COLOR CHART JUST FOR COLOR REFERENCE

Dubond[®] ALUMINIUM COMPOSITE PANEL

DUBOND Fireproof Aluminum Composite Panel



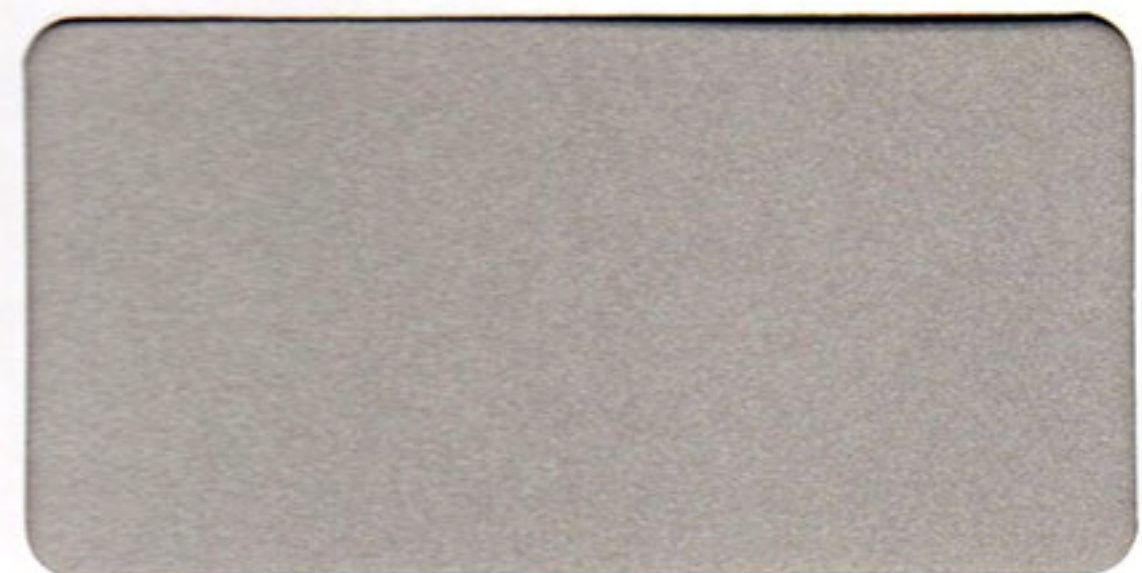
Silver (DU-01)



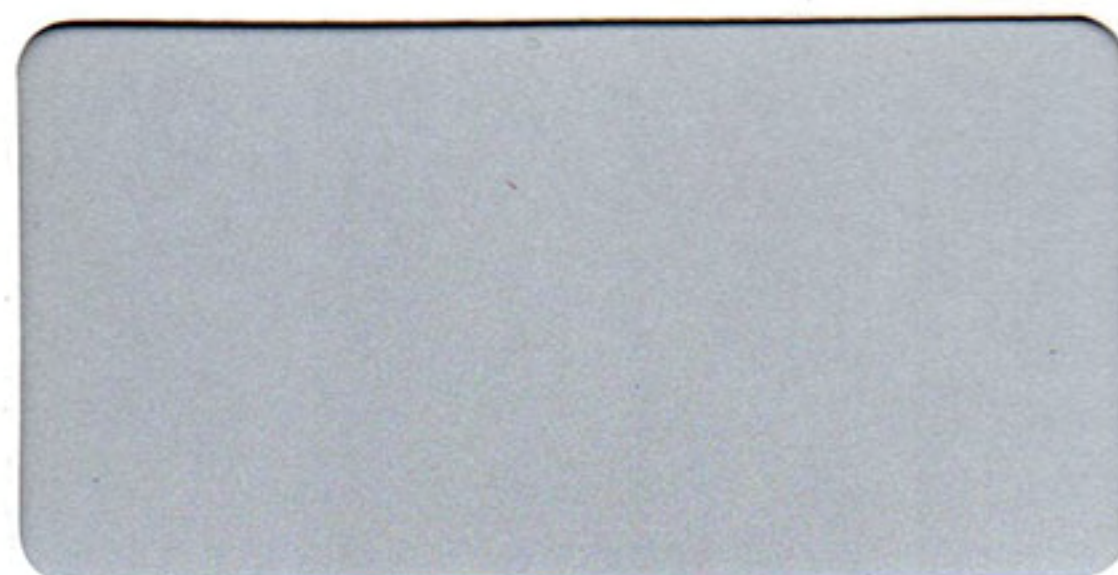
Champagne Gold (DU-02)



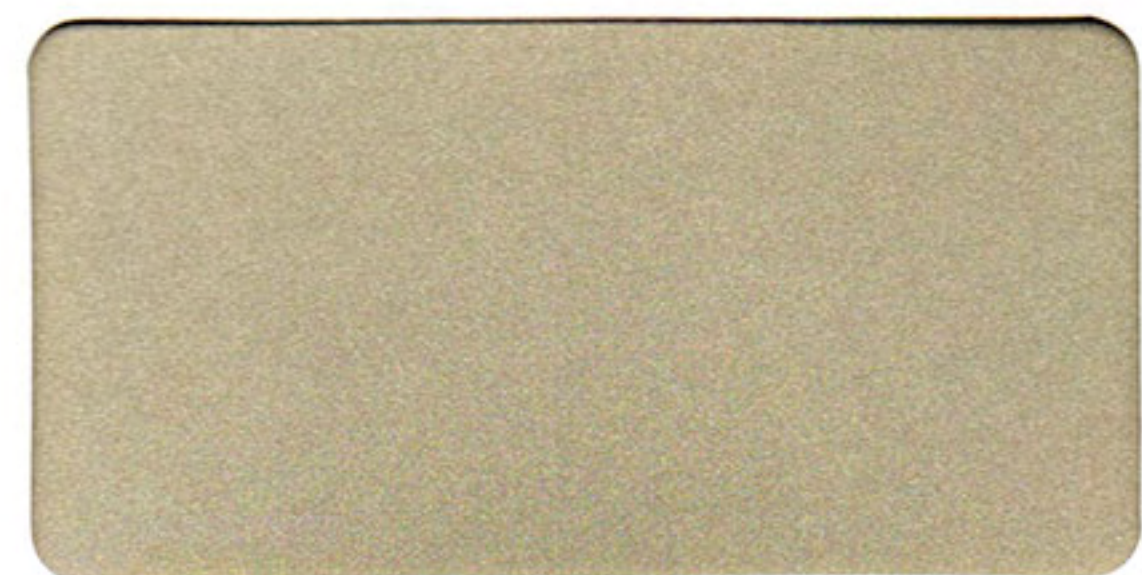
Shining Silver (DU-03)



Champagne (DU-04)



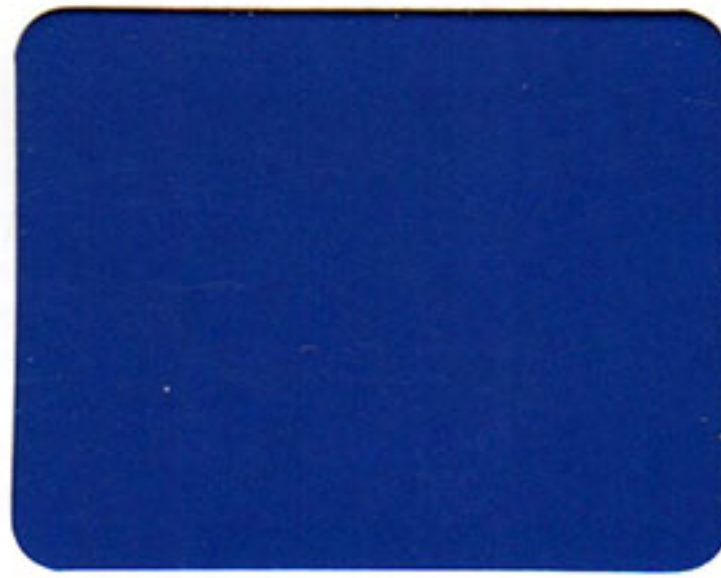
White Silver (DU-05)



Golden Yellow (DU-06)



Ultramarine Blue (DU-07)



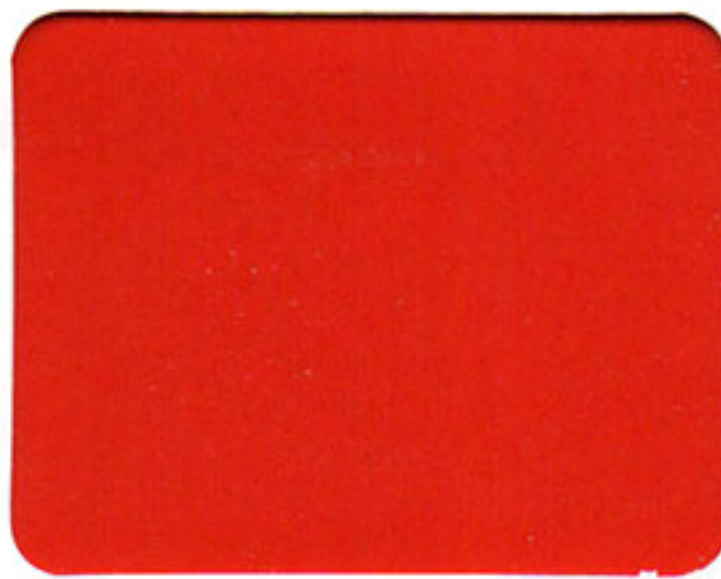
Dark Blue (DU-08)



Sea Blue (DU-09)



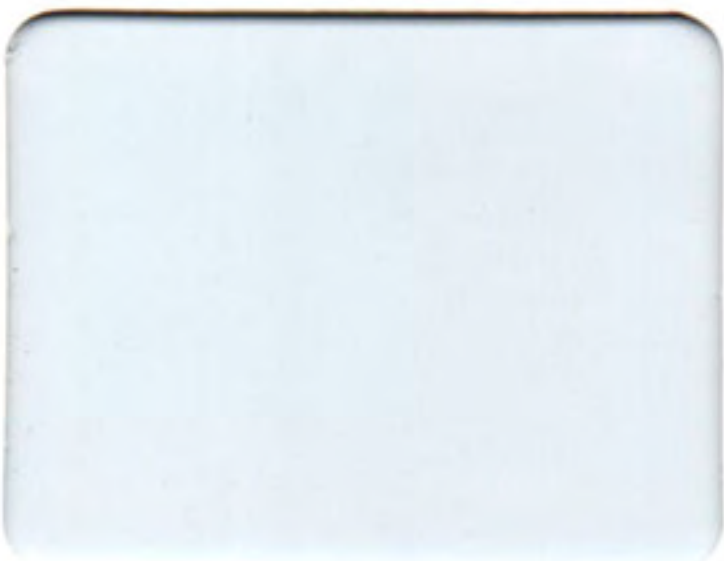
Cremson Red (DU-10)



Scarlet (DU-11)



Emerald Silver (DU-12)



White (DU-13)



Dumb White (DU-14)



Dark Ivory (DU-15)



Grass Green (DU-16)



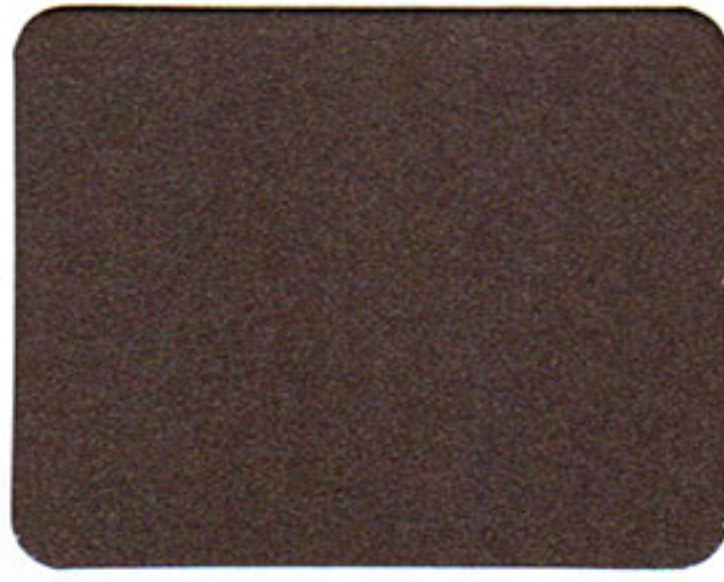
Off White (DU-17)



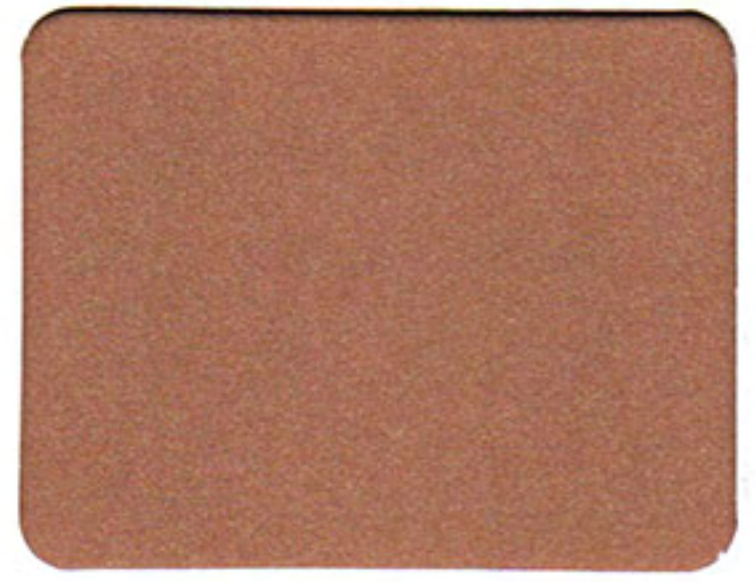
Blue Shinning (DU-18)



Dark Brown (DU-19)



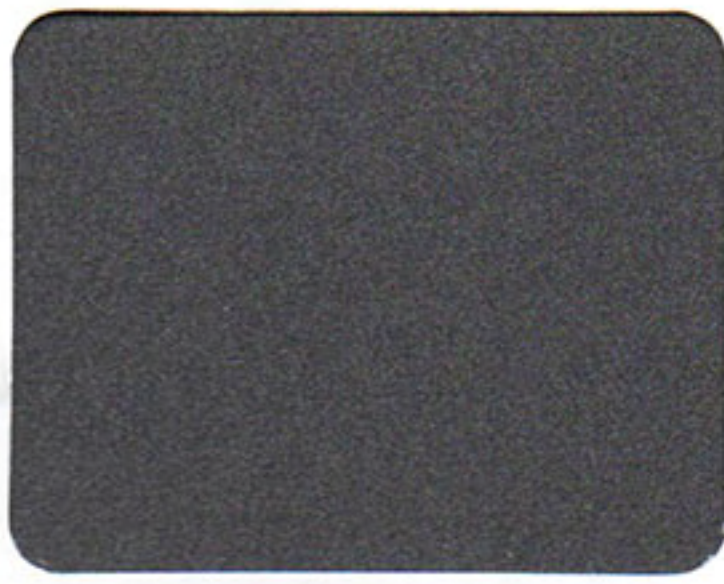
Brown Metallic (DU-20)



Palm Copper (DU-21)



Black (DU-22)



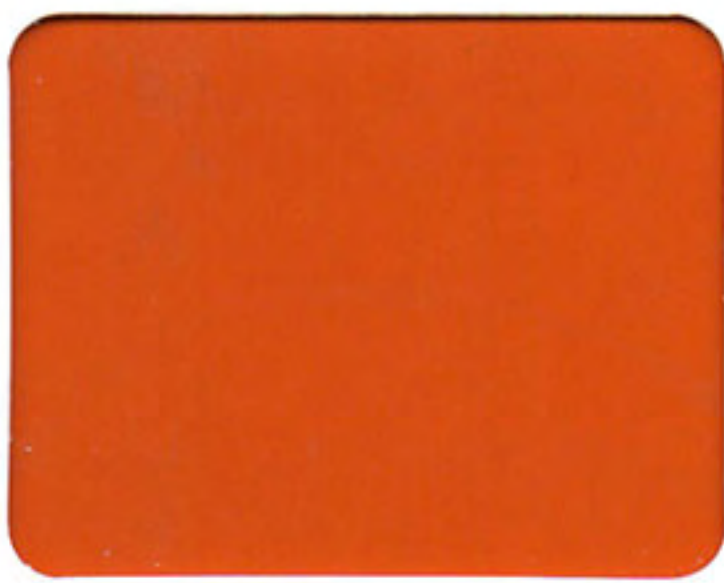
Black Silver (DU-23)



Plumbago (DU-24)



Orange (DU-25)



M Orange (DU-26)



Yellow (DU-27)



Apple Green (DU-28)



Green (DU-29)



Dark Green (DU-30)

High Gloss (G) Series



Black High Gloss (DU-31)



Red High Gloss (DU-32)



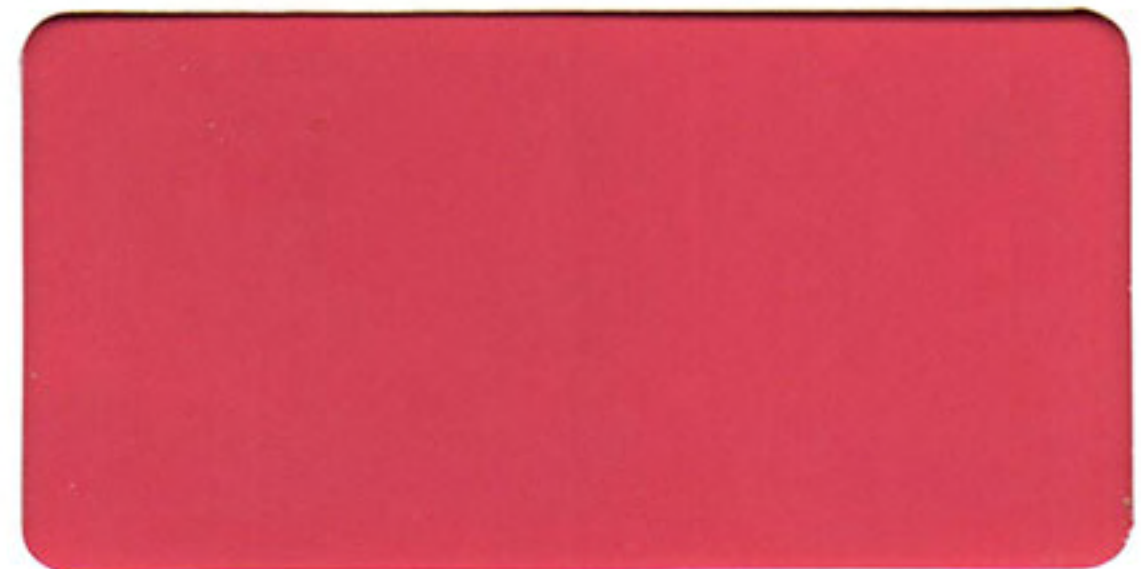
White High Gloss (DU-33)



Glossy Dark Blue (DU-34)



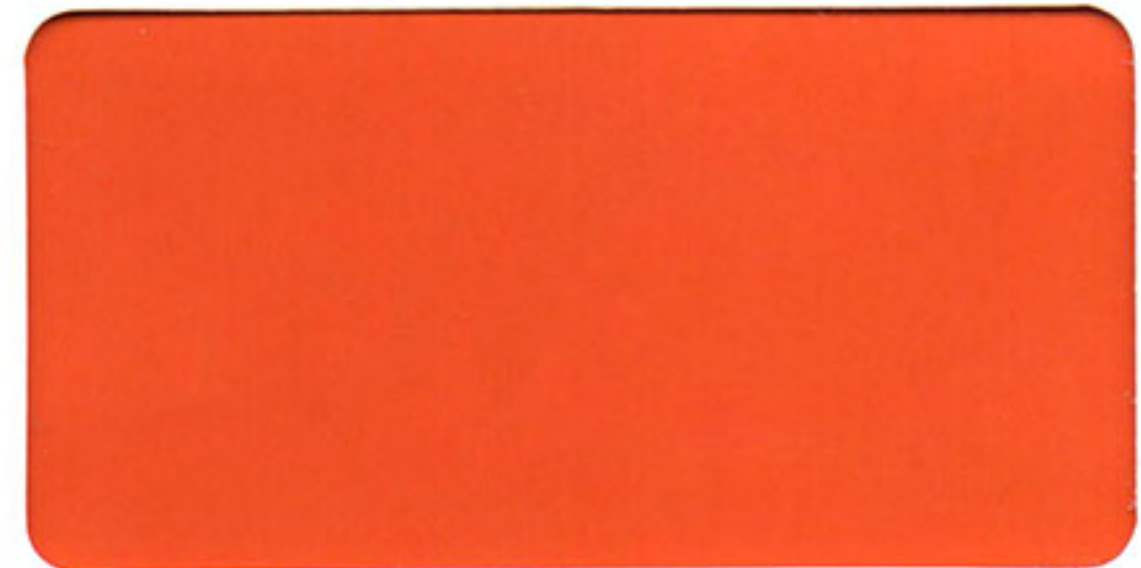
Glossy Mouvee (DU-35)



Glossy Pink (DU-36)



Glossy Grass Green (DU-37)



Glossy Orange (DU-38)



Glossy Ivory White (DU-39)



Glossy Yellow (DU-40)

Pearl (Q) Series



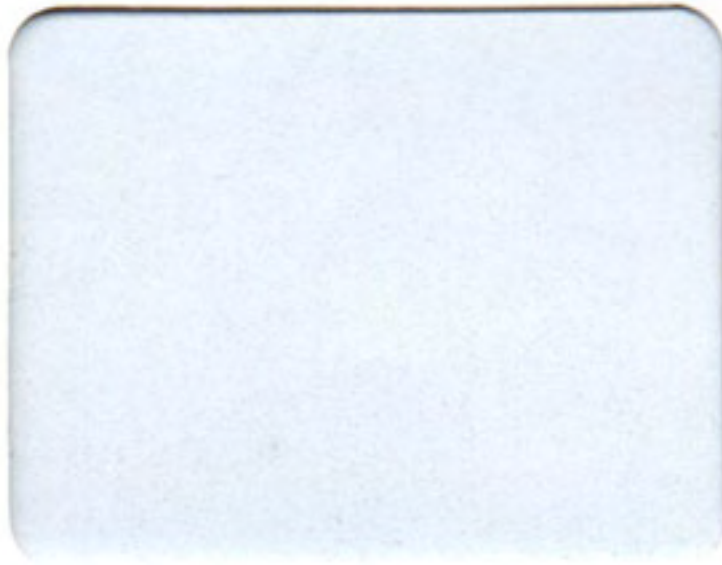
Black (DU-41)



Grey (DU-42)



Gold (DU-43)



White (DU-44)



Blue (DU-45)



Blue Green (DU-46)



Red (DU-47)



Purplished (DU-48)



Bronze (DU-49)

Mirror And Scratch (M) Series



Mirror Gold (DU-50)



Mirror Natural (DU-51)



Mirror Black (DU-52)



Scratch Gold (DU-53)



Scratch Silver (DU-54)



Scratch Champagne (DU-55)

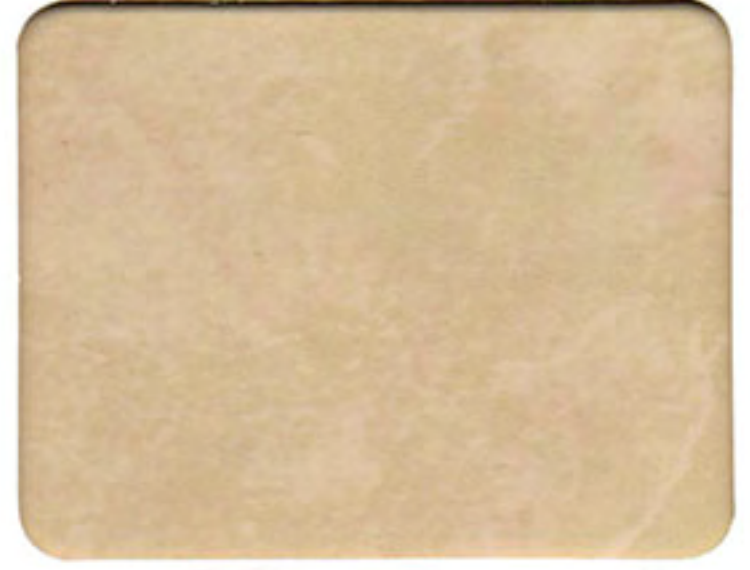
Marble & Granite (S) Series



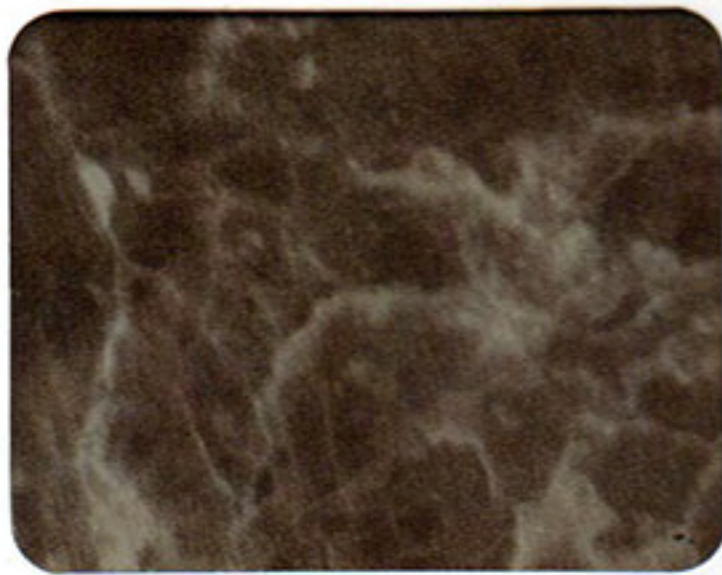
Flower White (DU-56)



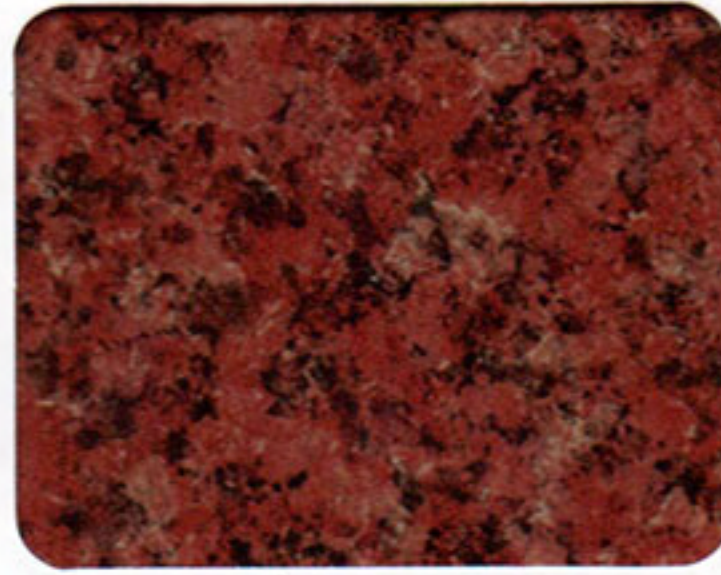
Beige Yellow (DU-57)



Gold Beige (DU-58)



Coffee Net (DU-59)



India Red (DU-60)



Black White (DU-61)

Wood (W) Series



GW (DU-62)



GW (DU-63)



GW (DU-64)



GW (DU-65)



GW (DU-66)



GW (DU-67)

DUBOND is sandwich type aluminum composite. Developed and designed to meet the contemporary demands of visual communication, decoration and other applications, where imagination, ingenuity, innovation and especially aesthetics play an important role.

DUBOND

Contains advantageous combinations:

- * High rigidity
- * Extremely flat
- * Light weight
- * Does not corrode
- * High finish PVDF / PE coating
- * Suitable for printing (PE version)
- * Available in a variety of size and colors
- * Simple to process even with conventional/light equipment or hand tools
- * Ease to form (bending/folding)
- * Environment friendly does not pollute

Product Construction:

Protective film
 PVDF Face Coat
 PVDF Primer
 Chemical Conversion Coat
 High strength Aluminum Coat
 Anti-Rustic Coat
 Adhesive Film
 PE Core Board
 Adhesive Film
 Anti-Rustic Coat
 High Strength Aluminum Coat
 Chemical Conversion Coat
 Anti-Corrosive Primer.

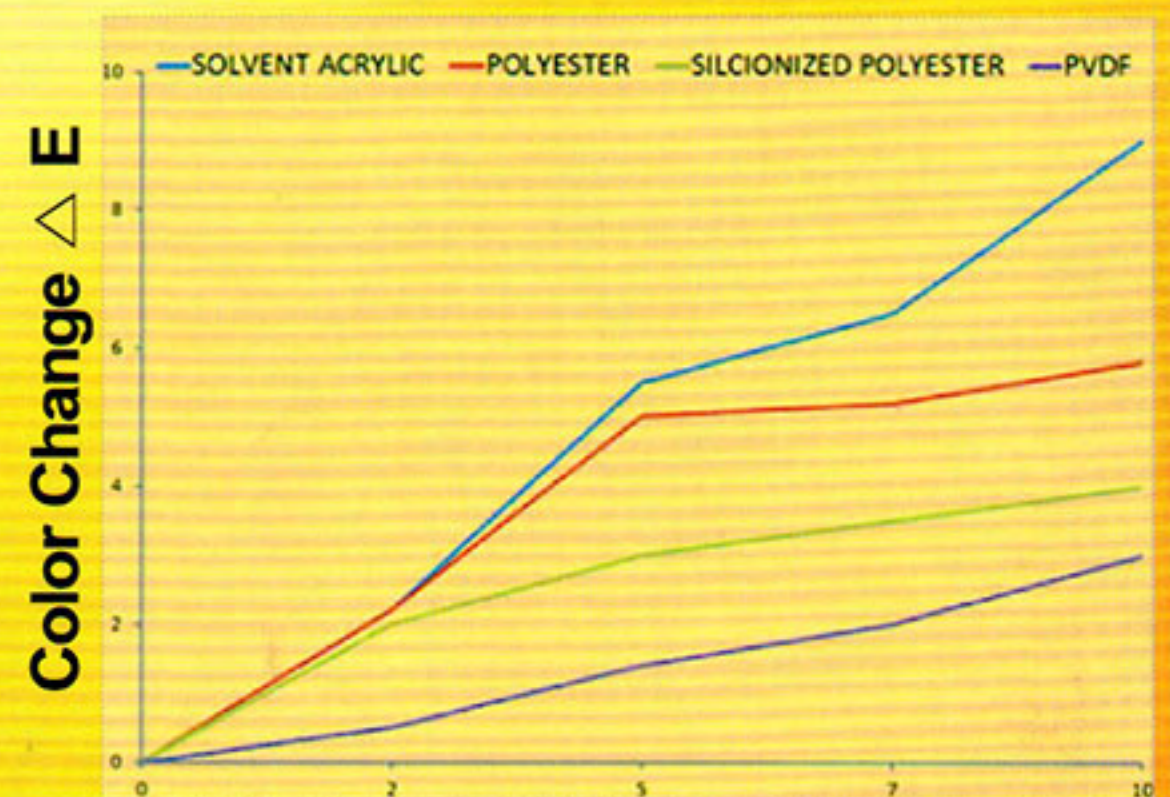
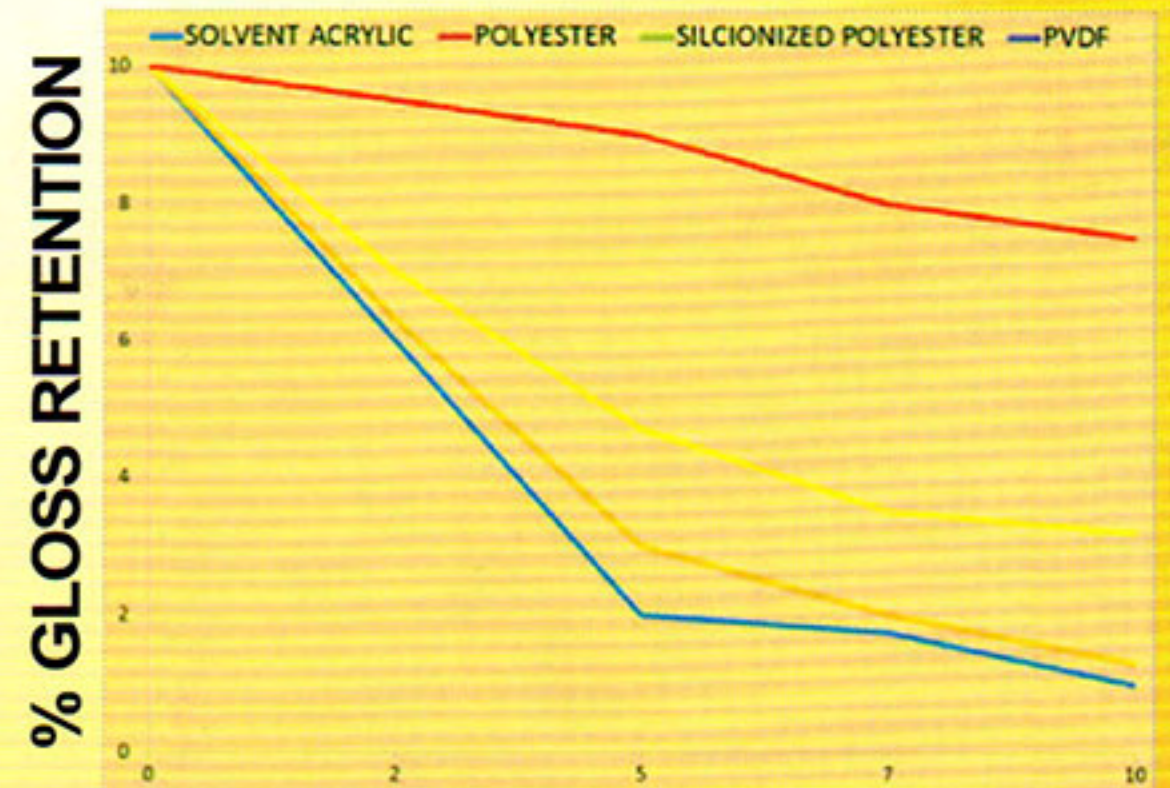
GENERAL PROPERTIES

Testing Item	Standard	Result
Unit weight	ASTM D792	T3MM=4.6KG/M2=5.5KG/M2
Outdoor temperature resistance	ASTM D1654	No abnormality
Thermal expansion	ASTM D696	3.0x10
Thermal deformation temperature	ASTM D648	115?°C
Thermal conduction	ASTM 976	0.102kcal/m.hr°C
Flexural rigidity	ASTM C393	14.0X10
Impact resistance	ASTM D732	1650KG
Adhesive strength	ASTM D903	.074KGF/mm
Sound-Insulating rate	ASTM E413	29db
Flexural elasticity	ASTM E790	4055kg/mm2
Shear resistance	ASTM E732	2.6kgf/mm2
Minimum bending radius	ASTM E790	45mm 70mm
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 236(cns8406)	27.6um
Gloss	ASTM D523-99	20-45%
Pencil hardness	ASTM D3363-00	2H
Toughness	ASTM D4145-83	2tno rift
Adhesive force	ASTM D335-97	4B
Impact resistance	ASTM D2794-93	>100KG.CM
Fabrication resistance	ASTM D966-93	64.6/mil
Mortar resistance	ASTM 605.2-91	24hrs no blister
Humidity resistance	ASTM D714-97	24hrs no blister
Boiling water resistance	ASTM D2247-02	passed
Salt spray resistance	ASTM D3359-B	passed
Salt spray resistance	ASTM B117-03	3000hrs no blister
Acid resistance	ASTM D1308-B7	No effect

AAMA605.29-1,TEST#77.31



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