

# Dubond<sup>®</sup>

ALUMINIUM COMPOSITE PANEL



**COLOR CHART**

COLOR CHART JUST FOR COLOR REFERENCE

# Dubond<sup>®</sup>

ALUMINIUM COMPOSITE PANEL

## DUBOND Fireproof Aluminum Composite Panel



Silver (DU-01)



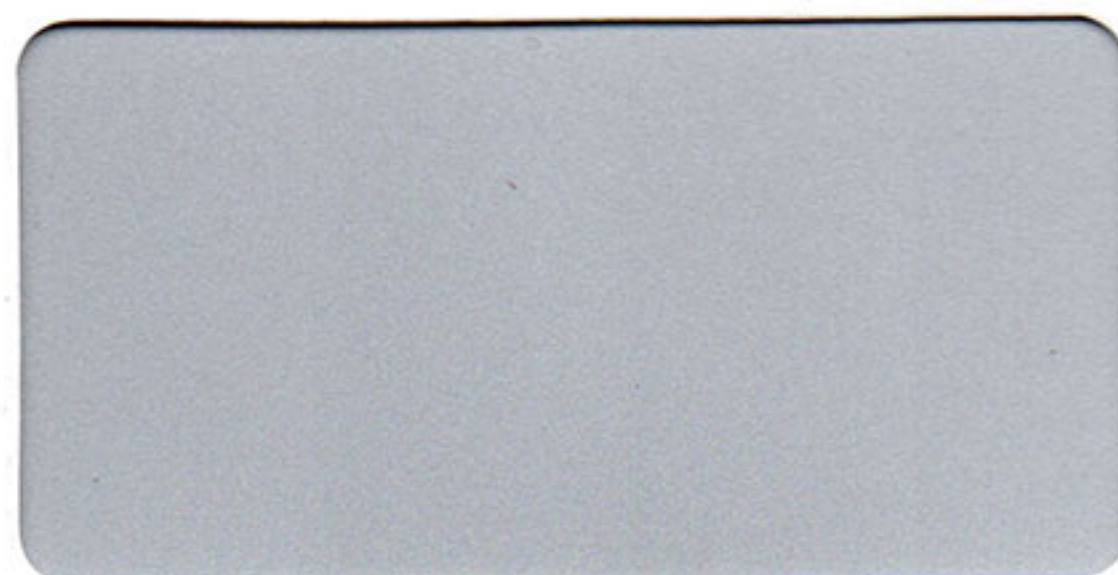
Champagne Gold (DU-02)



Shining Silver (DU-03)



Champagne (DU-04)



White Silver (DU-05)



Golden Yellow (DU-06)



Ultramarine Blue (DU-07)



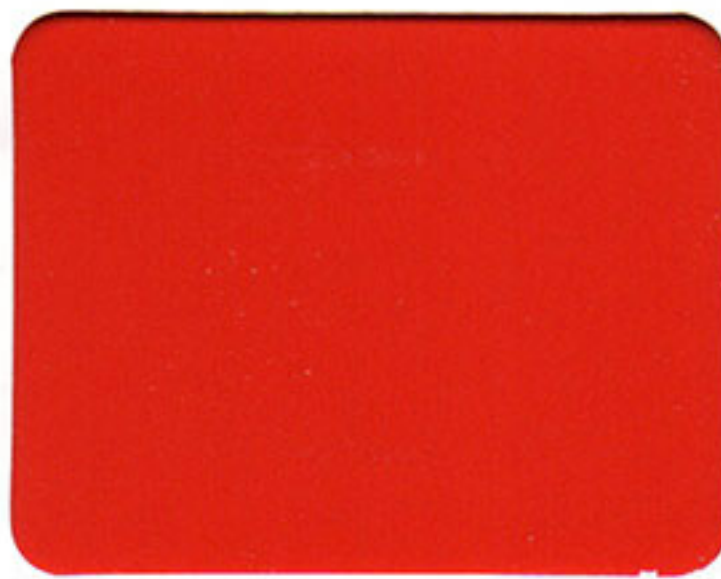
Dark Blue (DU-08)



Sea Blue (DU-09)



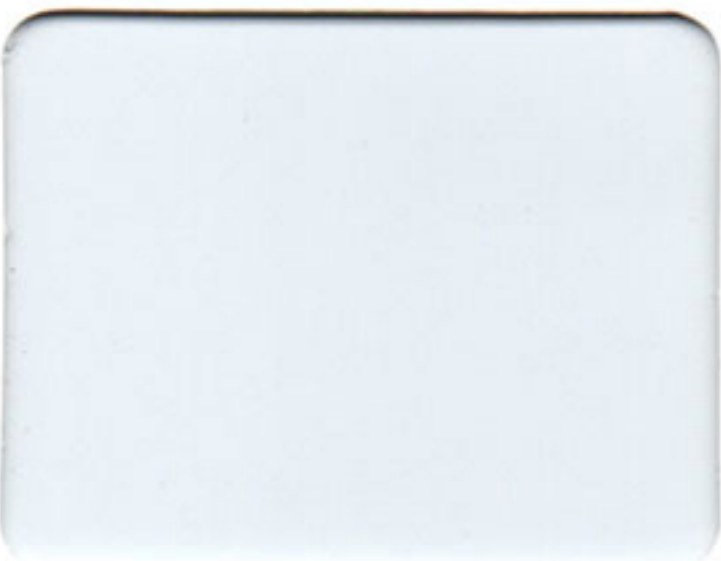
Cremson Red (DU-10)



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)



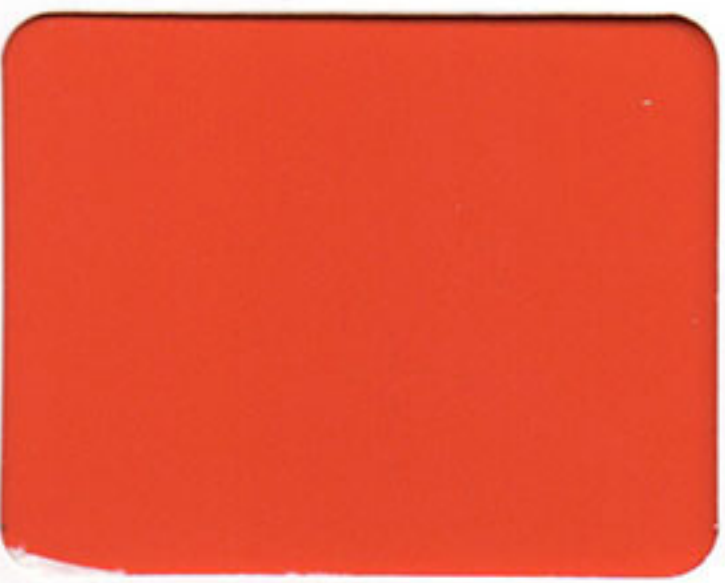
Black (DU-22)



Black Silver (DU-23)



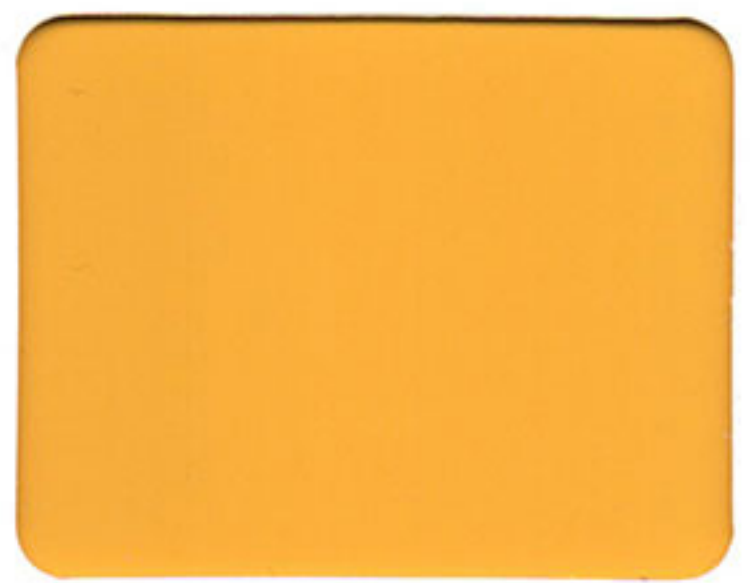
Plumbago (DU-24)



Orange (DU-25)



M Orange (DU-26)



Yellow (DU-27)



Apple Green (DU-28)



Green (DU-29)

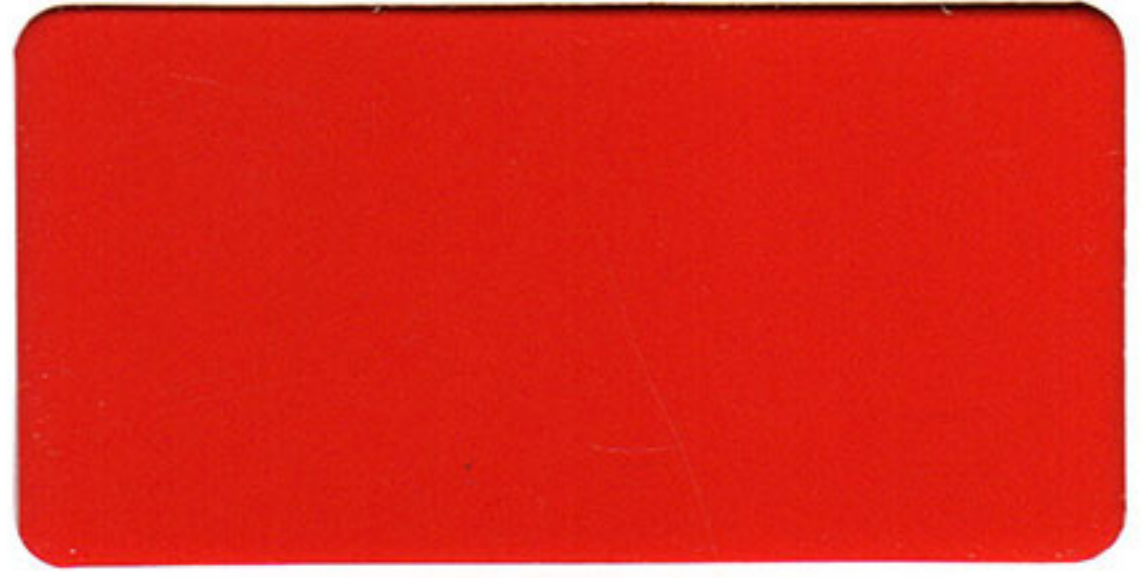


Dark Green (DU-30)

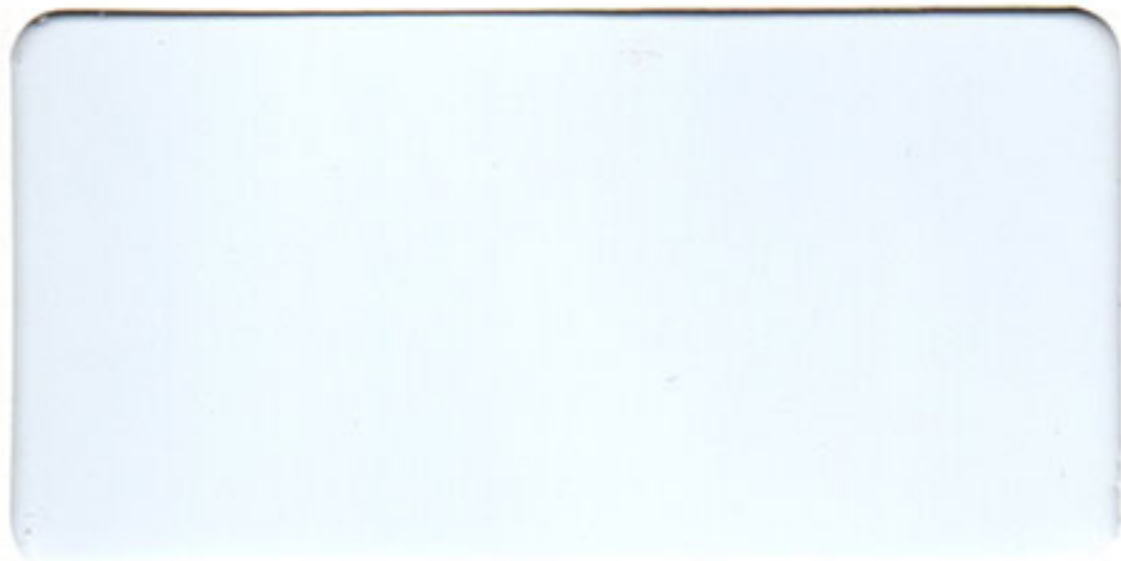
## High Gloss (G) Series



Black High Gloss (DU-31)



Red High Gloss (DU-32)



White High Gloss (DU-33)



Glossy Dark Blue (DU-34)



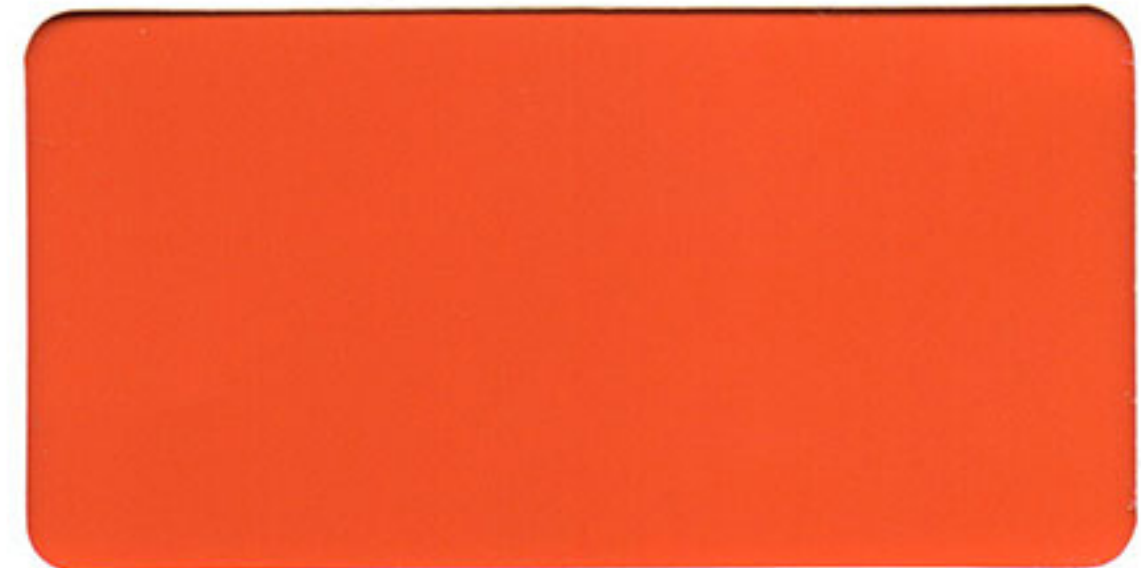
Glossy Mouvée (DU-35)



Glossy Pink (DU-36)



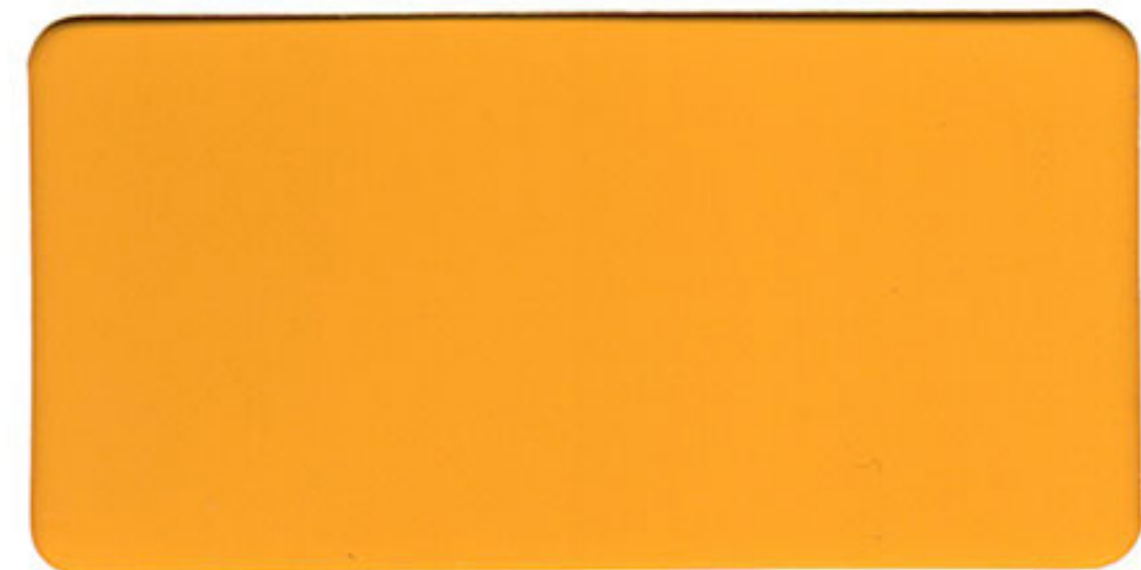
Glossy Grass Green (DU-37)



Glossy Orange (DU-38)



Glossy Ivory White (DU-39)



Glossy Yellow (DU-40)

## Pearl (Q) Series



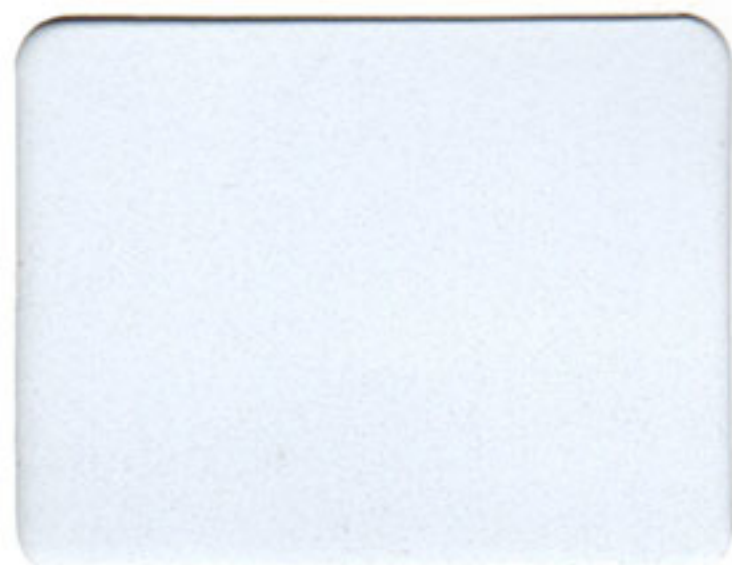
Black (DU-41)



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



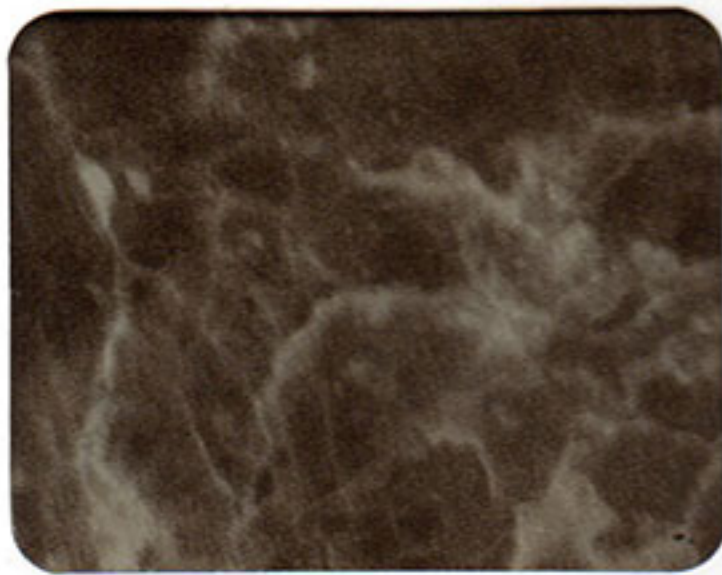
Flower White (DU-56)



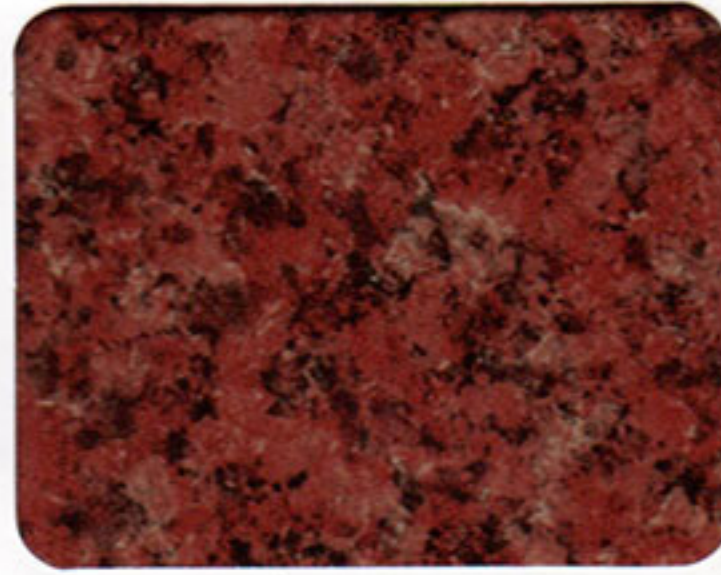
Beige Yellow (DU-57)



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.

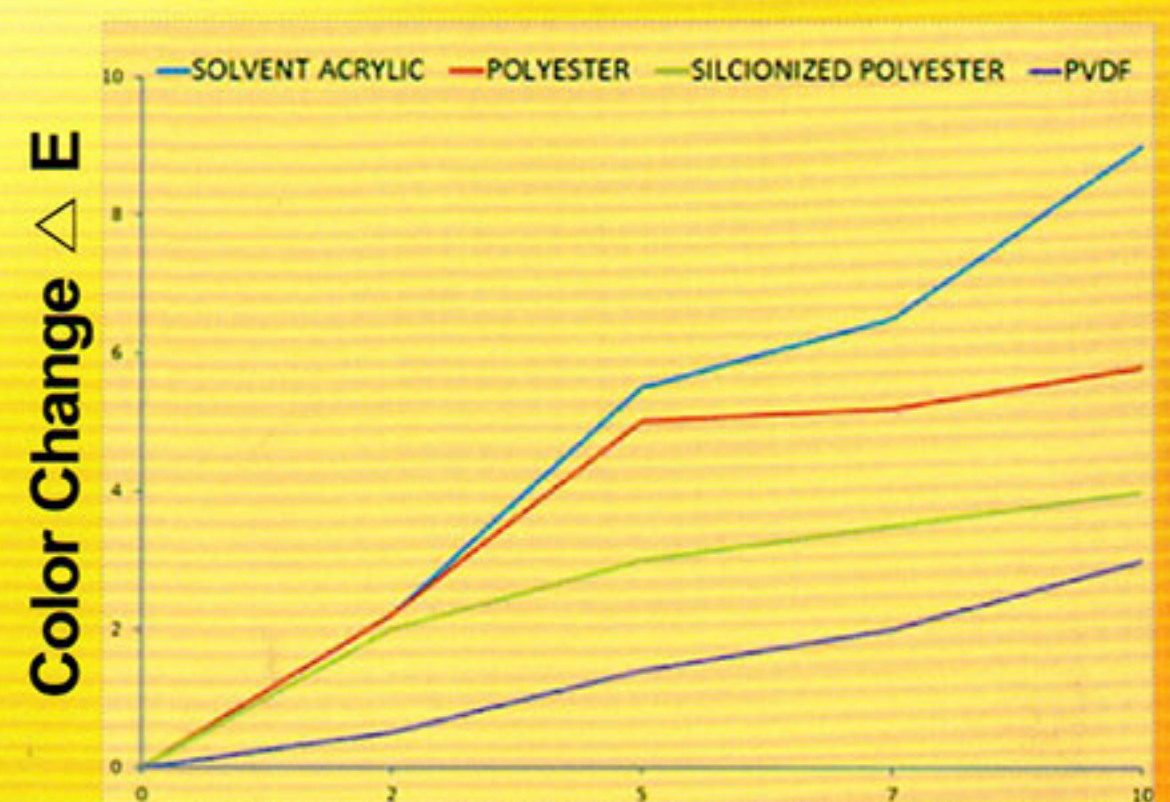
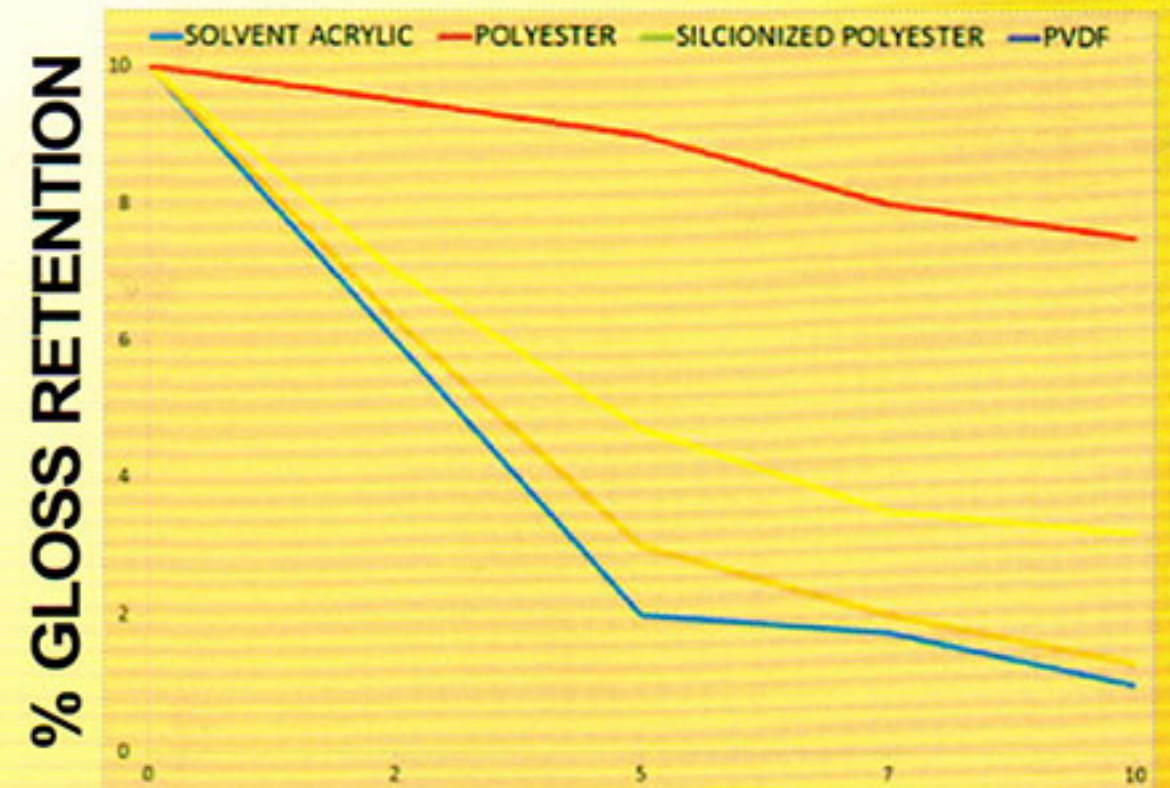
### GENERAL PROPERTIES

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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