



**KWOLIN**  
國麗實業



# COLOR CHART

## EXTERIOR POWDER COATING

### 戶外粉末塗料色卡

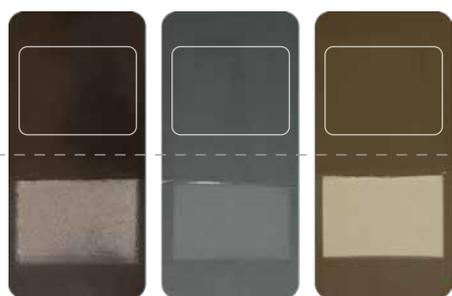
# EXTERIOR POWDER COATINGS 戶外粉末塗料

The high durable (DP-series) powder coating has more than 2 times weather resistance of the general (O-series) powder coating. When two systems are coated on the same board, and test of 1000Hr UVA-340 light (ASTM G154, Cycle 1), the results show that the high durable powder coating has more good color and gloss retention.

高耐候 (DP-系列) 粉末塗料具有一般戶外 (O-系列) 粉末塗料兩倍以上的耐候性能，測試兩系列在同一板上，經由 1000 小時 UVA-340 加速老化試驗 (ASTM G154, Cycle 1) 後，結果顯示高耐候粉末塗料較不易粉化及褪色。

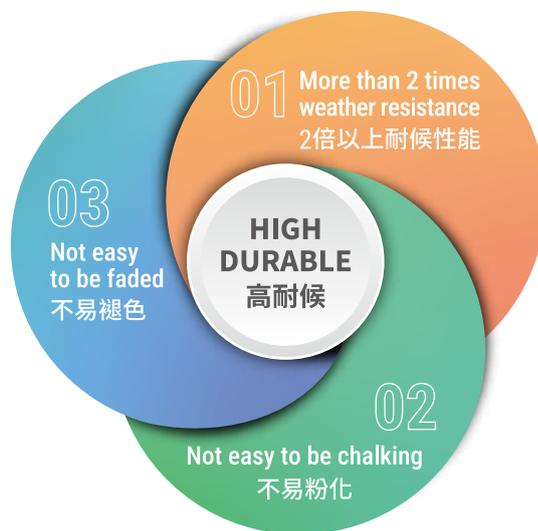
## PRODUCT TESTING 產品測試

After being tested by UVA-340 (ASTM G154, Cycle 1) for 1000 hrs:  
經由 1000 小時 UVA-340 加速老化試驗 (ASTM G154, Cycle 1) 後，結果顯示：



**DP-series**   
High Durable Powder Coating  
高耐候粉末塗料

O-series  
General Powder Coating  
一般戶外粉末塗料



## COATING COMPARISON 塗料比較

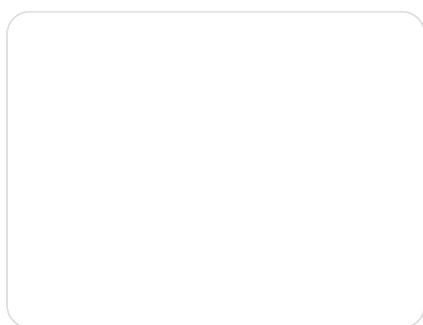
COATING COMPARISON 戶外粉末塗料比較	TEST METHOD 測試方法	NORMAL 一般戶外	HIGH-DURABLE 高耐候
GLOSS 光澤度	ASTM D523	Adjustable 光澤可調整	Adjustable 光澤可調整
PENCIL HARDNESS 鉛筆硬度	ASTM D3363	Good 佳	Excellent 優
ADHESIVE, DRY FILM 百格附著度，乾膜	ASTM D3359	Excellent 優	Excellent 優
ADHESIVE, WET FILM 百格附著度，溼膜	ASTM D3359	Excellent 優	Excellent 優
ADHESIVE, BOILING 百格附著度，沸水	ASTM D3359	Excellent 優	Excellent 優
ABRASION RESISTANCE 落砂磨耗	ASTM D968	Good 佳	Good 佳
IMPACT RESISTANCE 耐衝擊性	ASTM D2794	Excellent 優	Good 佳
CHEMICAL RESISTANCE 耐化學性	AAMA-2605-13	Good 佳	Excellent 優
FLEXIBILITY 耐屈曲性	ASTM D522	Excellent 優	Good 佳
WEATHER RESISTANCE 耐候性	ASTM G154	Good 佳	Excellent 優
SALT RESISTANCE 耐鹽霧	ASTM B117	Good 佳	Excellent 優
HUMILITY RESISTANCE 耐溼性	ASTM D2247	Good 佳	Excellent 優

• The test results applying Q-Panel AL36 standard sheet as the base.

• 以上採用Q-Panel AL36鋁標準片為基材測試結果。

The colors of color chart are for reference only. The exact color may be affected by the baking temperature conditions and the thickness of workpiece. Please test and confirm first before mass production.

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**DP-1433M1 / O-1433M1**

Signal White Matt 白消光



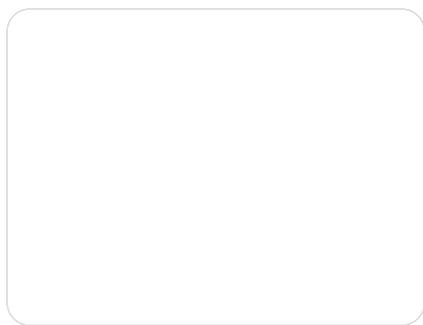
**DP-2440M1 / O-2440M1**

Agate Gray Matt 灰消光



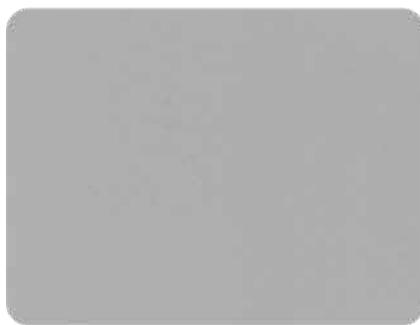
**DP-8368M1 / O-8368M1**

Chocolate Brown Matt 棕色消光



**O-1538M1**

Pure White Matt 白消光



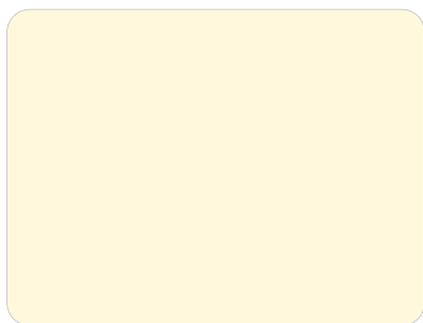
**DP-2423M1 / O-2423M1**

Signal Gray Matt 銀灰消光



**DP-21456M1**

Tarpaulin Gray Matt 深灰消光



**DP-1434M1 / O-1434M1**

Colonial White Matt 牙白消光



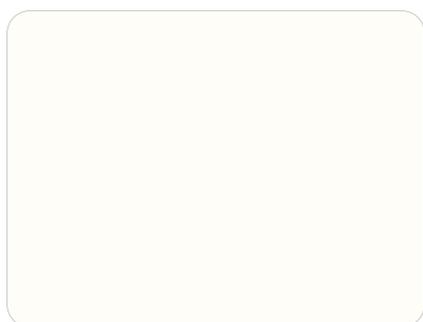
**O-5291M1**

Gray Beige Matt 沙色消光



**DP-9915M1**

Black Matt 黑消光



**O-1980M1**

Gray White Matt 白消光



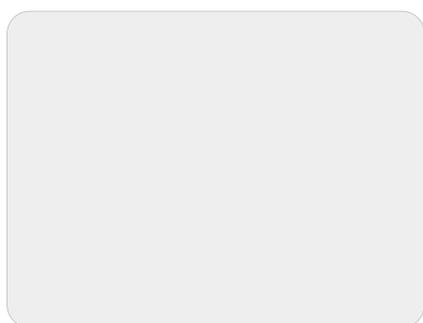
**DP-2424M1 / O-2424M1**

Graphite Gray Matt 鐵灰消光



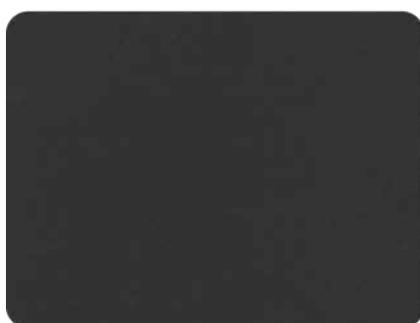
**DP-9349M1 / O-9349M1**

Black Matt 黑消光



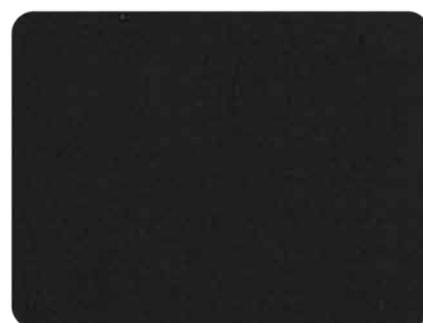
**DP-21492M1**

Light Gray Matt 淺灰消光



**DP-21345M1**

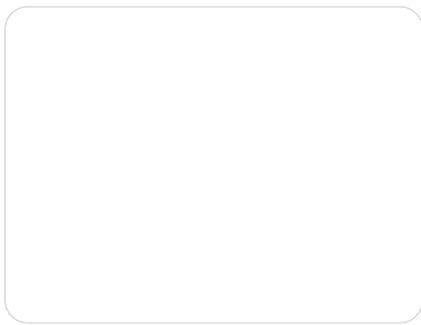
Slate Gray Matt 深灰消光



**O-9329M1**

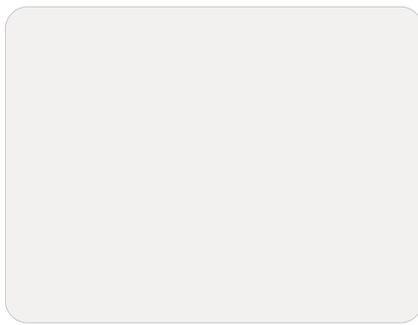
Black Matt 黑消光

# EXTERIOR POWDER COATINGS 戶外粉末塗料



**0-94**

Ice Blue White 白亮光



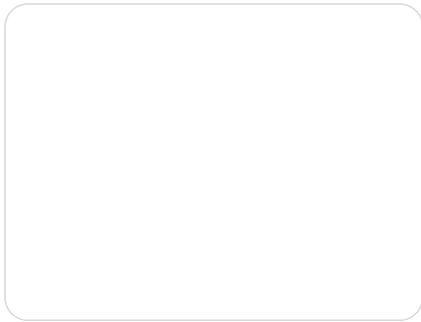
**0-1377M2**

Grayish White Semi-Gloss 白平光



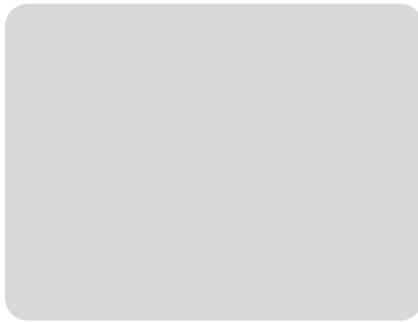
**DP-5403**

Medium Yellow 黃亮光



**DP-1247 / 0-1247T**

Papyrus White 白亮光



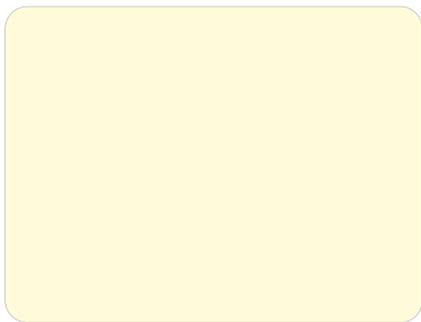
**0-2275M2**

Telegrey Semi-Gloss 淺灰平光



**0-7237M2**

Pine Green Semi-Gloss 綠平光



**DP-5191 / 0-5191**

Pure White 米黃亮



**0-21004D**

Sky Gray 灰亮光



**DP-4209 / 0-4209**

Banner Red 紅亮光



**0-5161**

Almond 黃灰亮



**0-6125**

Sky Blue 淺藍亮



**DP-8512M2 / 0-8512M2**

Pale Brown Semi-Gloss 咖啡平光



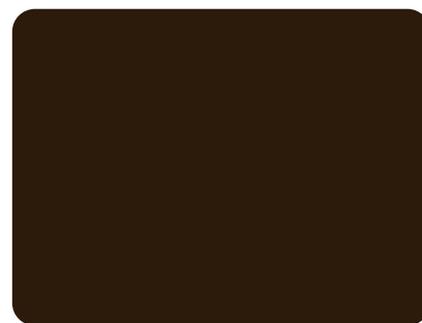
**0-2249**

Concrete Gray 灰黃亮



**0-6192**

Blue 孔雀藍



**0-8175M2**

Pale Brown Semi-Gloss 咖啡平光

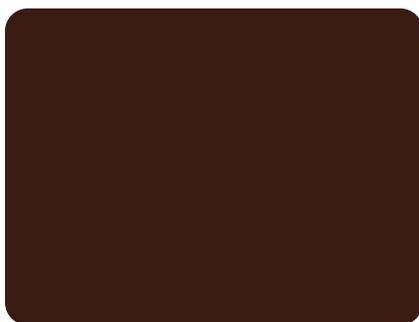
The colors of color chart are for reference only. The exact color may be affected by the baking temperature conditions and the thickness of workpiece. Please test and confirm first before mass production.

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**DP-8548**

Signal Brown 咖啡亮



**DP-8435M2 / 0-8435M2**

Maroon Chocolate Semi-Gloss 咖啡平光



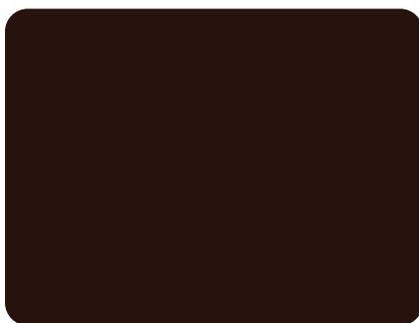
**KL0084**

Clear 透明粉



**DP-8523M2**

Gray Brown Semi-Gloss 棕平光



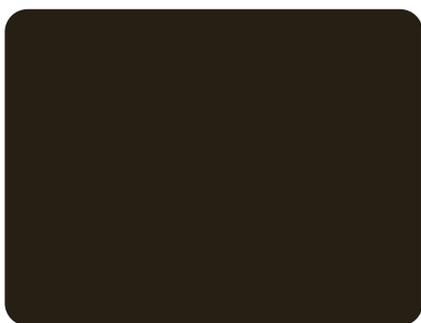
**DP-8109**

Maroon Chocolate 深咖啡亮



**KL0355**

High Durable Clear 高耐候透明粉



**0-8417M2**

Sepia Brown Semi-Gloss 鐵黃平光



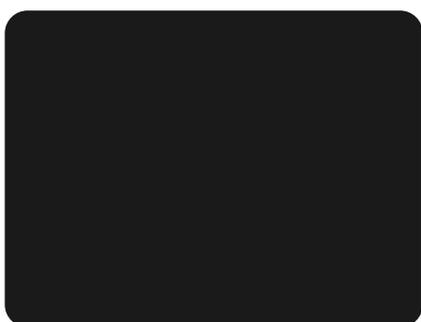
**0-8525M2D**

Gray Brown Semi-Gloss 鐵棕平光



**KL0363AC**

Acrylic Clear 壓克力透明粉



**DP-2694M2**

Umbra Gray Semi-Gloss 深灰平光



**DP-161M2 / 0-161M2**

Black Semi-Gloss 黑平光



**KL0289**

Matt Clear 平消光透明粉



**0-2986D**

Deep Gray 深灰亮



**DP-9506 / 0-9209**

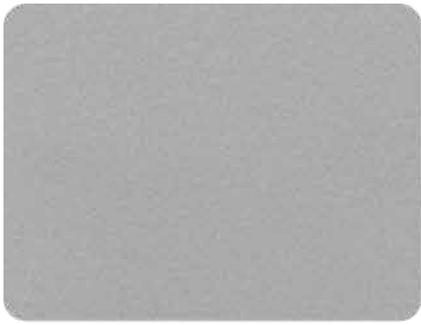
Black 黑亮光



**KL0368**

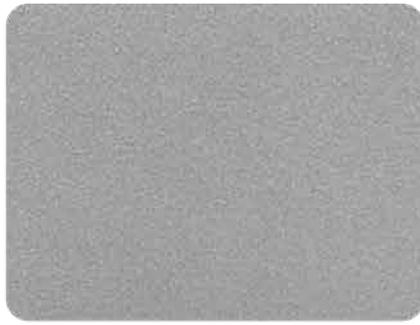
Fast Cure Clear 低溫透明粉

# EXTERIOR POWDER COATINGS 戶外粉末塗料



**0-1324S**

Fog Silver Sparkle 閃銀



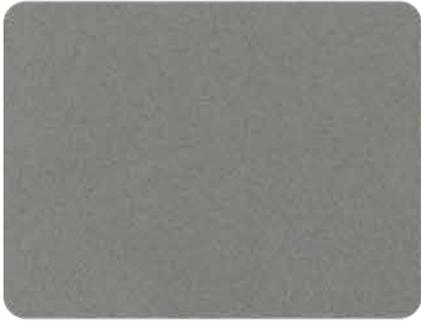
**DP-11125SB**

Light Silver 中閃銀



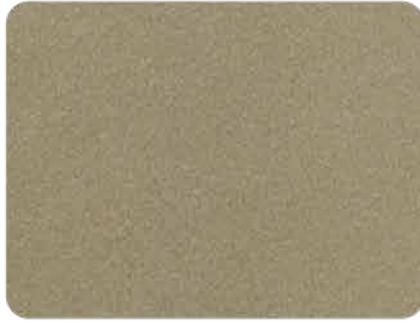
**0-2478AB**

Standard Silver 銀



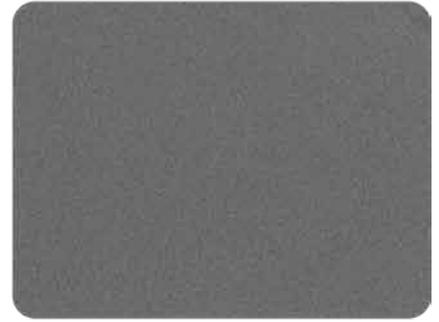
**0-21540SNB**

Champagne Bronze Sparkle 灰閃銀



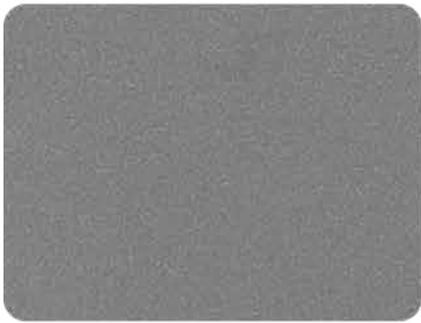
**DP-5824SNB**

Glitter Gold 香檳金



**DP-21645ANB**

Medium Gray 灰銀



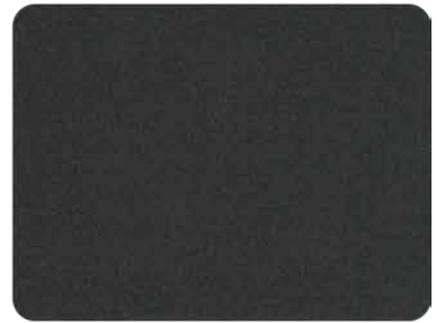
**0-200SB**

Aluminum Sparkle 閃銀



**DP-5757CNB**

Gold Sparkle 黃金閃銀



**DP-21652CNB**

Slate Gray Pearlescent 深灰閃銀



**0-9406CB**

Soft Gray Sparkle 黑灰閃銀



**DP-5741CNB**

Yellow Pearl Metallic 黃金珍珠



**DP-81065CB**

Copper Pearlescent Metallic 古銅珍珠



**DP-8976SNB**

Dark Brown Metallic Sparkle 咖啡閃銀



**DP-4511SNB**

Rose Metallic Sparkle 玫瑰金

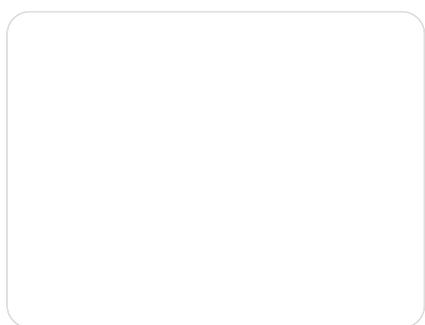


**DP-8713CNB**

Bright Copper Metallic 古銅珍珠

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**DP-1391G / 0-1391G**

Signal White Texture 白砂紋



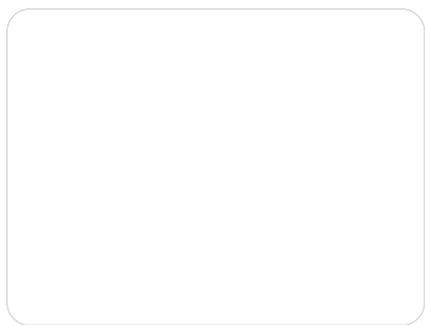
**DP-2277G / 0-2277G**

Traffic Gray Texture 灰砂



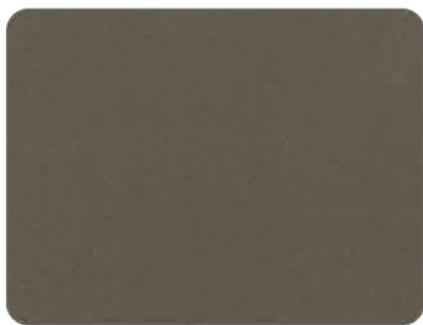
**DP-8899G**

Sepia Brown Texture 咖啡砂



**DP-1619G / 0-1619G**

Traffic White Texture 白砂



**DP-81013G**

Pale Brown Texture 咖啡砂



**DP-9417G / 0-9417G**

Anthracite Gray Texture 黑砂



**DP-1381G / 0-1381GT**

Oyster White Texture 米黃砂



**DP-8802G**

Gray Brown Texture 咖啡砂



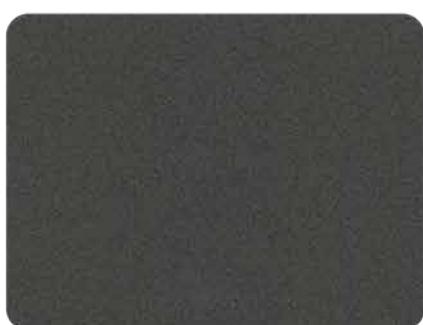
**0-8646GD**

Gray Brown Texture 咖啡砂



**0-21611G**

Silk Gray Texture 淺灰砂



**DP-2551G / 0-2551GT**

Tarpaulin Gray Texture 灰砂



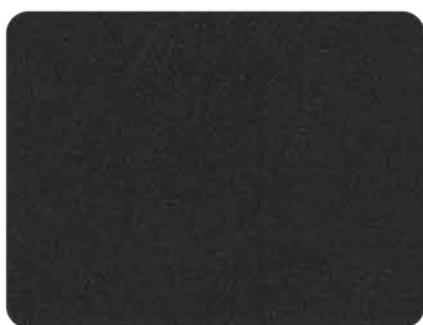
**DP-8995G**

Gray Brown Texture 深咖啡砂



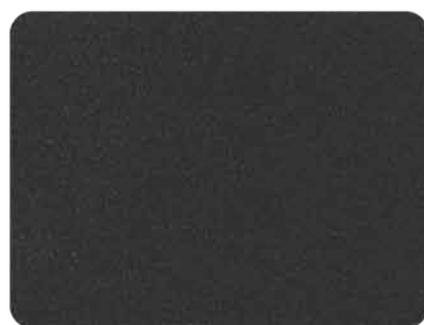
**0-8437GT**

Pale Brown Texture 淺棕砂



**DP-21134GT**

Anthracite Gray Texture 深灰砂



**DP-2552G / 0-2552GT**

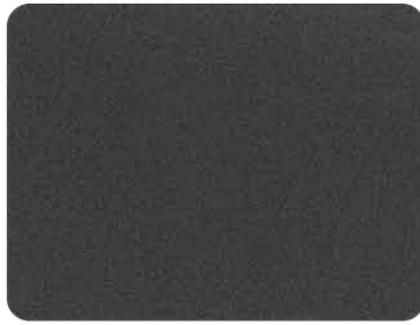
Graphite Gray Texture 灰砂

# EXTERIOR POWDER COATINGS 戶外粉末塗料



**DP-8479G**

Chocolate Brown Texture 咖啡砂



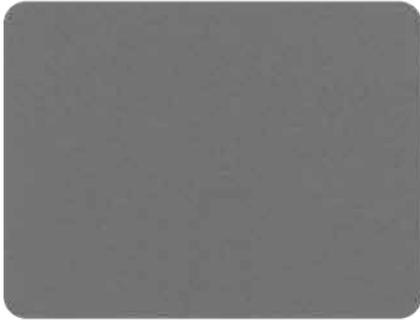
**0-21324G**

Basalt Gray Texture 深灰砂



**DP-8456G / 0-8456G**

Sepia Brown Texture 咖啡砂



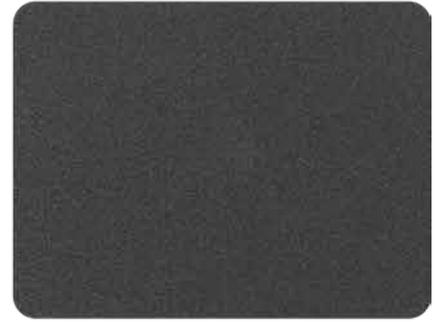
**DP-2792G / 0-2792GD**

Dusty Gray Texture 灰砂



**DP-8328G / 0-8328G**

Gray Brown Texture 咖啡砂



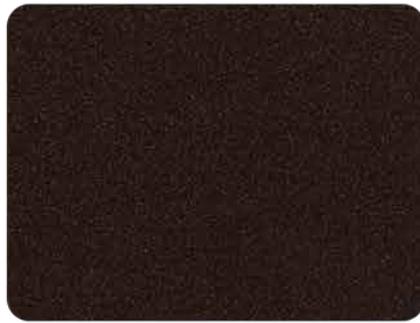
**DP-2817G / 0-2817GD**

Slate Gray Texture 深灰砂



**0-8176G-3**

Olive Brown Texture 咖啡砂



**DP-8436G / 0-8436GT**

Chocolate Brown Texture 咖啡砂



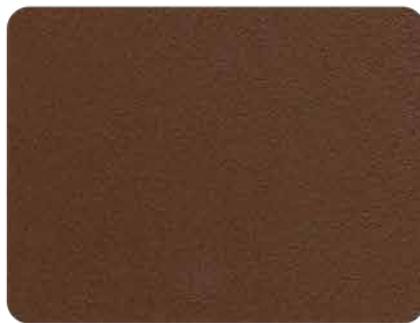
**DP-9142G / 0-9142G**

Anthracite Gray Texture 鐵灰砂



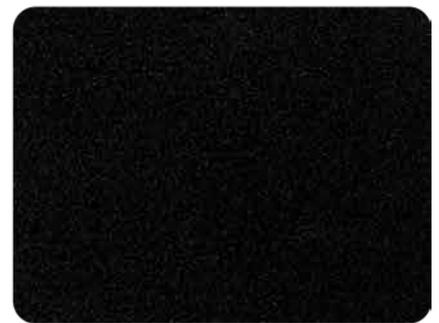
**DP-4402G**

Red Texture 紅砂



**DP-8575G**

Sepia Brown Texture 深咖啡砂



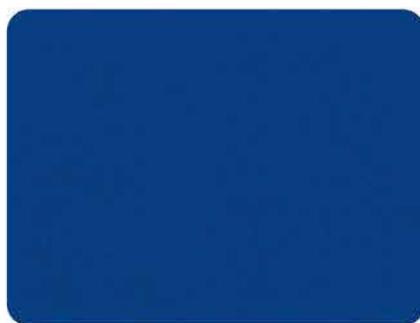
**DP-9262G / 0-9262G**

Black Texture 黑砂



**0-8257G**

Chocolate Brown Texture 咖啡砂



**DP-6414G**

Blue Texture 藍砂

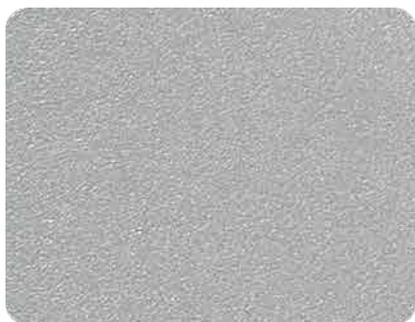


**DP-9377G / 0-9377G**

Black Texture 黑砂

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**DP-21672GANB**

Aluminium Silver Texture 銀砂



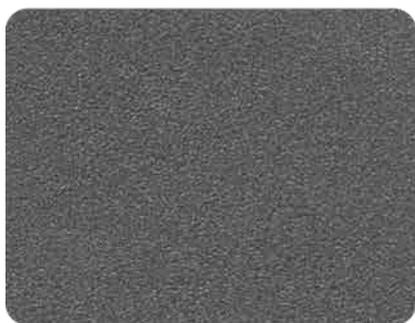
**DP-2205GCB / 0-2205GCB**

Umbra Gray Pearlescent Texture 深灰砂閃銀



**DP-8223GS / 0-8223GS**

Gray Brown Pearlescent Texture 紅鐵砂



**0-9865GANB**

Dusty Gray Silver Texture 銀砂



**0-8447GS**

Sepia Brown Pearlescent Texture 咖啡銀砂



**0-8252GC**

Brown Gray Pearlescent Texture 黃銅砂



**DP-8998GCNB**

Beige Gray Pearlescent Texture 棕閃銀砂紋



**0-21274GSNB**

Gray Silver Texture 灰閃銀砂



**DP-8648GC**

Sepia Brown Pearlescent Texture 紅銅砂



**DP-8117GS / 0-8117GS**

Sepia Brown Pearlescent Texture 咖啡閃銀



**DP-21596GSNB**

Umbra Gray Silver Texture 灰砂閃銀



**0-8804GCNB**

Copper Brown Pearlescent Texture 古銅砂



**0-9845GSNB**

Black Gray Silver Texture 黑砂閃銀



**0-8921GCNB**

Pearl Beige Pearlescent Texture 香檳砂



**DP-8534GCB / 0-8534GCB**

Sepia Brown Pearlescent Texture 古銅砂

# EXTERIOR POWDER COATINGS 戶外粉末塗料



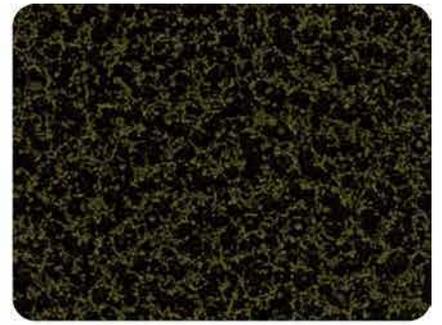
**DP-8251GC / 0-8251GC**

Terra Brown Pearlescent Texture 紅鐵砂



**0-9708HCB**

Gold Vein 黑底金花



**0-9488HCB**

Gold Vein 黑底銅花



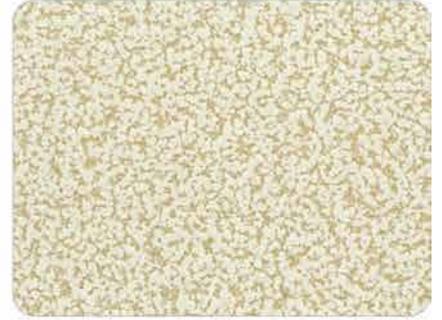
**DP-8237GC / 0-8237GC**

Terra Brown Pearlescent Texture 古銅砂



**0-9159HCB**

Copper Vein 紅銅花



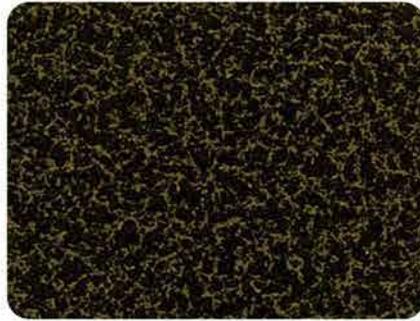
**0-2011HCB**

Gold Vein 白底金花



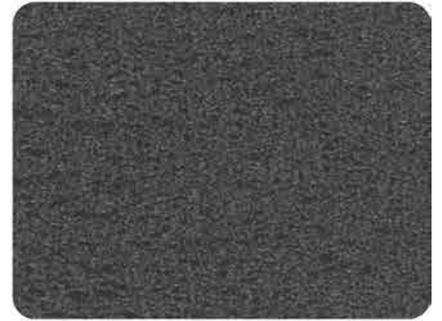
**0-8865GC**

Gray Brown Pearlescent Texture 紅鐵砂



**0-9164HCB**

Gold Vein 金銅花



**0-2263K**

Iron Gray Wrinkle 灰綿綿



**DP-8258GCB / 0-8258GCB**

Sepia Brown Pearlescent Texture 金銅砂



**0-9292HCB**

Copper Vein 古銅垂紋



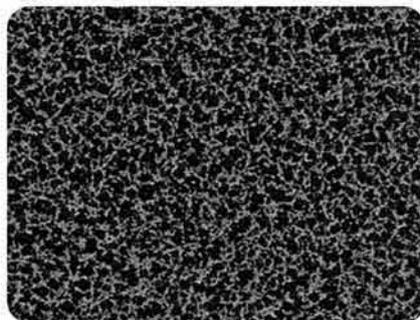
**0-8234K**

Terra Brown Wrinkle 咖啡綿



**DP-8465GCB / 0-8465GCB**

Gray Brown Pearlescent Texture 古銅砂



**0-9255HAB**

Copper Vein 黑底銀花

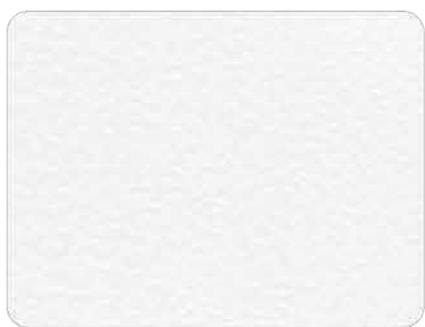


**0-9242K**

Black Wrinkle 黑綿綿

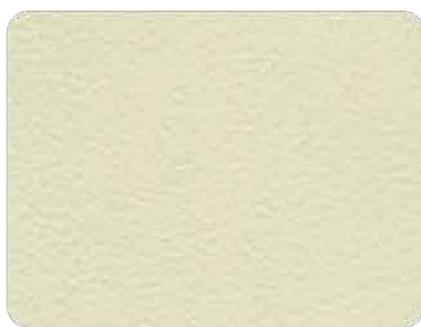
The colors of color chart are for reference only. The exact color may be affected by the baking temperature conditions and the thickness of workpiece. Please test and confirm first before mass production.

色卡顏色僅供參考比對，實際色澤可能因烘烤溫度條件及工件厚薄而不同。請先行測試確認，再予放大量產。



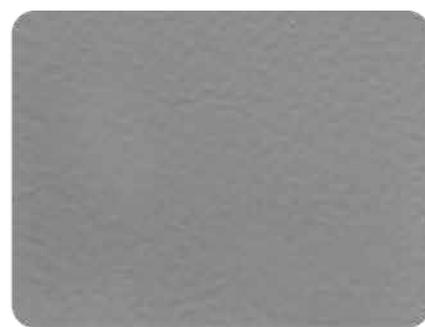
**DP-1246H / 0-1246H**

Signal White Hammer 白垂紋



**0-5493H**

Oyster White Hammer 米黃垂紋



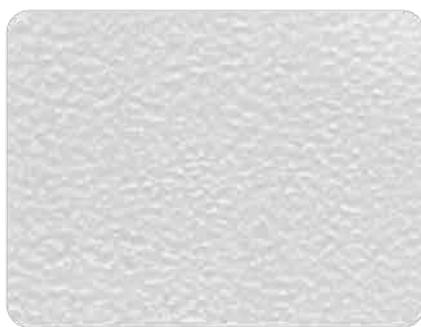
**0-2953HD**

Traffic Gray Hammer 灰垂紋



**0-5196H**

Pure White Hammer 米黃垂紋



**0-21453H**

Gris Luminous Hammer 淺灰垂紋



**DP-5369H / 0-5369H**

Gray Beige Hammer 米黃垂紋



**0-5469HD**

Rice White Hammer 米黃垂紋



**0-5337H**

Signal Yellow Hammer 黃垂紋



**0-21568H**

Telegrey Hammer 灰垂紋



**0-5376H**

Ivory Hammer 米黃垂紋



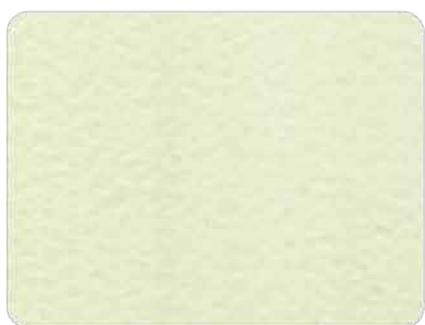
**0-7222H**

Signal Green Hammer 綠垂紋



**DP-21169H**

Graphite Gray Hammer 深灰垂紋



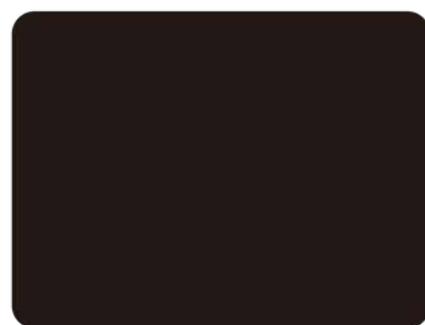
**DP-5519H**

Cream Hammer 米黃垂紋



**DP-2281H / 0-2281H**

Middle Gray Hammer 灰垂紋



**DP-9701H**

Jet Black Hammer 黑垂紋

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it is welcomed to contact us for color proofing.

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