

W I N D O W  
F I L M  
POV

Vol.12

[www.decoblu.com](http://www.decoblu.com)

POV  
W I N D O W F I L M

## Characteristics



### Intercepting 98% of Detrimental UV Light

- Protects body from diseases including liver spots, freckles, skin aging
- Prevents furniture, curtain and wallpaper from bleaching or changing in color



### Shatter-Proof Safety Function

- Safety secured by preventing damages to glass and preventing secondary accidents from glass fragments
- Pressure sensitive adhesive for advanced safety film is used
- Thickness same to safety film[2mil]



### Protection of Privacy

- Protects individual privacy by intercepting visibility from outside and makes the direct light soft to come in and creates comforting and pleasant atmosphere



### Improvement of Surface Strength

- Resistant to scratches durable without bleaching and color change
- SR Coating : 2H Anti-scratch coating applied



### Environment Friendly

- 4 heavy metals (Pb, Cd, Cr6+, Hg) are not detected and take an excellent performance in for maldehyde and TVOC verification test



### Outstanding Dimensional Stability

- Product desorption of shrinking or lapsing is prevented to prevent contamination from adhesive after installation



### Interior Design Effect

- Possible to direct interior space simply and freely by applying various patterns and etching design
- Black and white patterns of great print quality or natural etching glass effect

# Guides of Installation & Maintenance

## Notices for Construction

<b>Internal construction</b>	In principle, the internal construction should be done for the glass surface in contact with the outside. In case of external construction the functionality of the product may be compromised due to contamination, breakage etc.
<b>Cleanness of surface</b>	As foreign materials or contaminants may damage the appearance after construction, please check the cleanness of all materials before stating the construction. (i.e. contamination by static electricity etc.)
<b>Use the proper amount of neutral detergents</b>	Dilute the proper amount of neutral detergents with water and spray them uniformly to the glass surface and the adhered side of product for construction. If there is a lack of dilution of neutral detergents, the middle part of the sheet may be adhered during construction which makes it difficult to remove the water. Additionally, if excessively used with neutral detergents, the adhered side may be slippery, which may cause dislocation when compressed with a push stick.
<b>Spray the diluted water to the surface of product</b>	When compressing with a push stick after fixing the location, spray water to the surface to reduce the friction between the product and the push stick. As this product has completed the printing or etching treatment under SR coating layer, it can be scratched by the excessive pressure or the edge of the push stick.
<b>The exclusive push stick recommended</b>	As a scratch may occur on the surface when construction, it is recommended to use the exclusive plastic push stick. Additionally, if there is a bump on the surface of the push stick, remove it softly before construction.
<b>Avoid bending of folding</b>	Because of the sensitive nature of PET Film, the product may be bended or folded while constructing due to carelessness. Special attention should be paid while handling.
<b>1:1 construction</b>	As there is an uneven part of printing and etching on the surface, do not attempt overlapping construction. The overlapped part may be removed.
<b>Silicone area of glass</b>	For the existing glass, it is not easy to attach the product over the silicone area of the edge. It is imperative that no construction takes place on the silicone area.
<b>Remove water</b>	Before starting, remove water sufficiently to prevent the generation of stains after construction.
<b>Glass only</b>	Avoid applying on plastic surface including acrylic and polycarbonate(PC). Gas or water residue may cause damage on plastic surface.

## Notices after Construction

<b>When cleaning</b>	After construction or when cleaning generally, it is prohibited to use solvents or strong detergents - as they may cause damage to the product. Use water or neutral detergents with soft clothes to remove the contaminants.
<b>Scratch on the surface</b>	Dish sponges, brushes, or sharp and solid objects may scratch the surface. Please use caution when using.

## Notices for Storage

<b>Roll fixing</b>	Secure the rolls with an adhesive tape to avoid unrolling when storing after opening. Failure to adhere to these guidelines may result in the unrolling and damaging of the product.
<b>Keep clean</b>	If contaminated by dust or dirt, poor construction may result.

# Specifications

Performance		Pattern NO.	30001	88001	88005	88009	88011	88012	88013	88014
		30101	Dot Gradation	White Dot	Curtain Dot	GM Stripe (White)	GM Stripe (Black)	Pyramid (White)	Pyramid (Black)	
Solar Heat	Transmittance	-	77	79	74	72	72	71	71	
	Reflectance	-	12	11	13	16	15	18	18	
	Absorptance	-	11	10	13	12	13	11	11	
Visible Ray	Transmittance	-	77	82	73	66	74	68	74	
	Reflectance	-	12	13	18	17	17	17	17	
	Absorptance	-	11	5	9	17	9	15	9	
Total Solar Energy Rejected		-	20	20	21	21	21	21	21	
Shading Coefficient		-	0.91	0.93	0.90	0.91	0.90	0.91	0.91	
UV Rejected		98%								
Thickness		2mil								
Structure		1ply								
SR Coating		2H								

Performance		Pattern NO.	88016	88018	88035	88037	88038	88040	87201
		White Drip	Hanji	Le Café	Chole (White)	Chole (Color)	Maze	Black-Out	
Solar Heat	Transmittance	81	59	84	72	72	61	100	
	Reflectance	9	26	6	12	12	35	-	
	Absorptance	10	15	10	16	16	4	-	
Visible Ray	Transmittance	83	51	86	75	75	55	100	
	Reflectance	12	10	4	14	14	44	-	
	Absorptance	5	39	10	11	11	1	-	
Total Solar Energy Rejected		20	55	20	19	20	50	-	
Shading Coefficient		0.90	0.95	0.91	0.90	0.90	0.59	-	
UV Rejected		98%							
Thickness		2mil							
Structure		1ply							
SR Coating		2H							

## Specifications

Performance \ Pattern NO.		88091	88092	88093	88094	88095	88096	88098
		Dot Gradation (Black)	Centre Gradation	Frost Gradation	Rain	Safety Mesh (White)	Stripe (White)	Safety Mesh (Black)
Solar Heat	Transmittance	74	77	76	72	89	72	89
	Reflectance	11	12	11	13	6	16	6
	Absorptance	13	11	13	16	10	13	10
Visible Ray	Transmittance	74	76	78	76	86	67	86
	Reflectance	18	11	14	14	5	16	5
	Absorptance	8	11	11	12	10	15	10
Total Solar Energy Rejected		19	19	18	21	19	21	19
Shading Coefficient		0.90	0.90	0.90	0.91	0.90	0.91	0.90
UV Rejected		98%						
Thickness		2mil						
Structure		1ply						
SR Coating		2H						

Performance \ Pattern NO.		Transparent Clear
Solar Heat	Transmittance	81
	Reflectance	6
	Absorptance	13
Visible Ray Transmittance (%)		89
Tensile Strength (lbs/inch)		28000
Break Strength (lbs/inch)		57
Elongation (%)		125
Peel Strength (gr/inch)		3200
Thickness		2mil
UV Rejected (%)		99
Shading Coefficient		0.98
Solar Heat Gain Coefficient		0.85
Total Solar Energy Rejected (%)		15

Performance \ Pattern NO.		Dusted Matte
Inscribe / Circumscription		Inscribe
Anti Scatter		0
Solar Heat Transmittance (%)		5.9
Visible Ray Transmittance (%)		20
Shading Coefficient		0.81
SR Coating		2H



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**30001**

PVC frosted

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(W)1000mm x (L)50M



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**30101**

PVC frosted

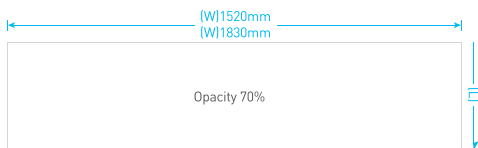
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(W)1220mm x (L)40M



## Dusted Matte

(W)1520mm x (L)30M  
(W)1830mm







· Horizon Pattern

**88001**

Dot Gradation

(W)1270mm x (L)30M

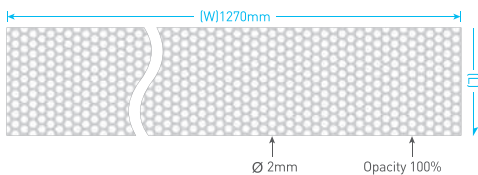




**88005**

White Dot

[W]1270mm x [L]30M

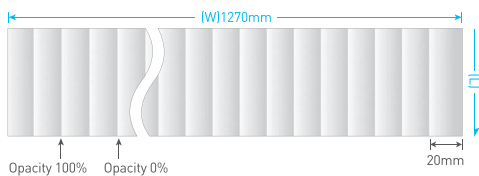




**88009**

Curtain Dot

[W]1270mm x [L]30M

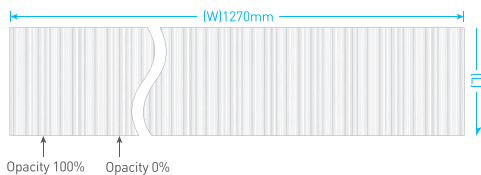




**88011**

GM Stripe [White]

(W)1270mm x (L)30M

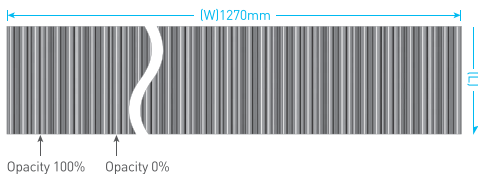




**88012**

GM Stripe [Black]

[W]1270mm x [L]30M

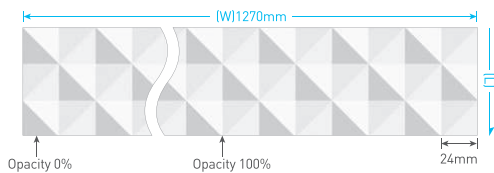




**88013**

Pyramid (White)

(W)1270mm x (L)30M

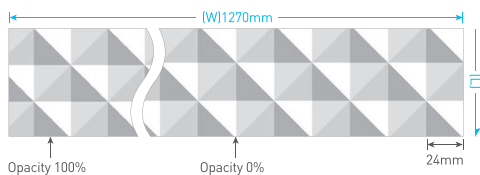




**88014**

Pyramid (Black)

(W)1270mm x (L)30M

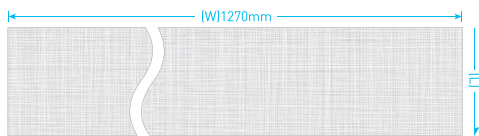




**88016**

White Drip

[W]1270mm x [L]30M







**88018**

Hanji

[W]1270mm x [L]30M

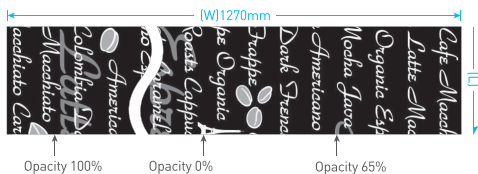




**88035**

Le Café

(W)1270mm x (L)30M

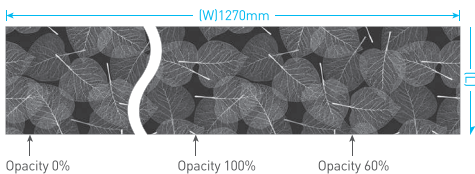




**88037**

Chole [White]

[W]1270mm x [L]30M

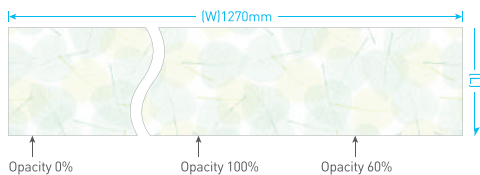




**88038**

Chole [Color]

[W]1270mm x [L]30M

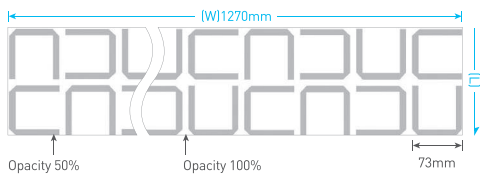




**88040**

Maze

(W)1270mm x (L)30M



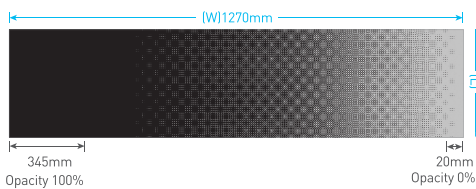


· Horizon Pattern

**88091**

Dot Gradation (Black)

(W)1270mm x (L)30M



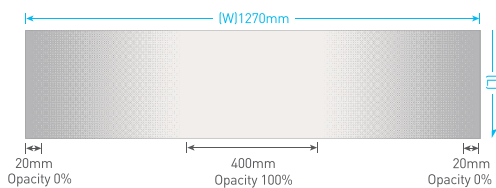


· Horizon Pattern

**88092**

Centre Gradation

(W)1270mm x (L)30M



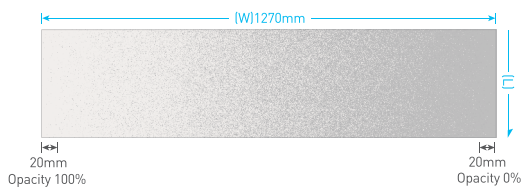


· Horizon Pattern

**88093**

Frost Gradation

(W)1270mm x (L)30M





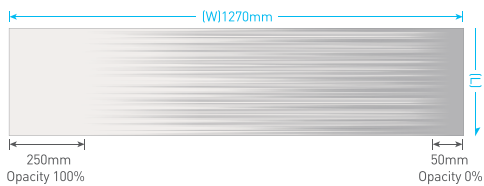


· Horizon Pattern

**88094**

Rain

(W)1270mm x (L)30M

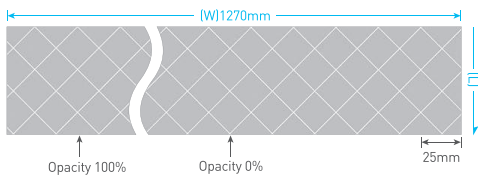




**88095**

Safety Mesh (White)

(W)1270mm x (L)30M

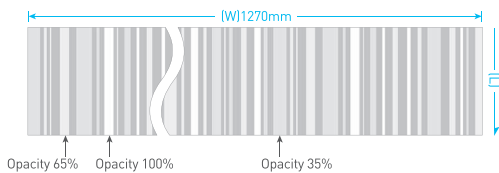




**88096**

Stripe (White)

(W)1270mm x (L)30M

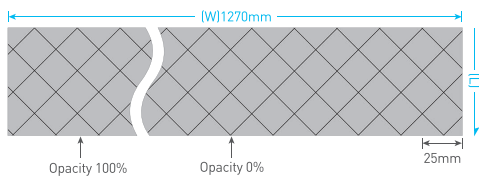




**88098**

Safety Mesh [Black]

(W)1270mm x (L)30M



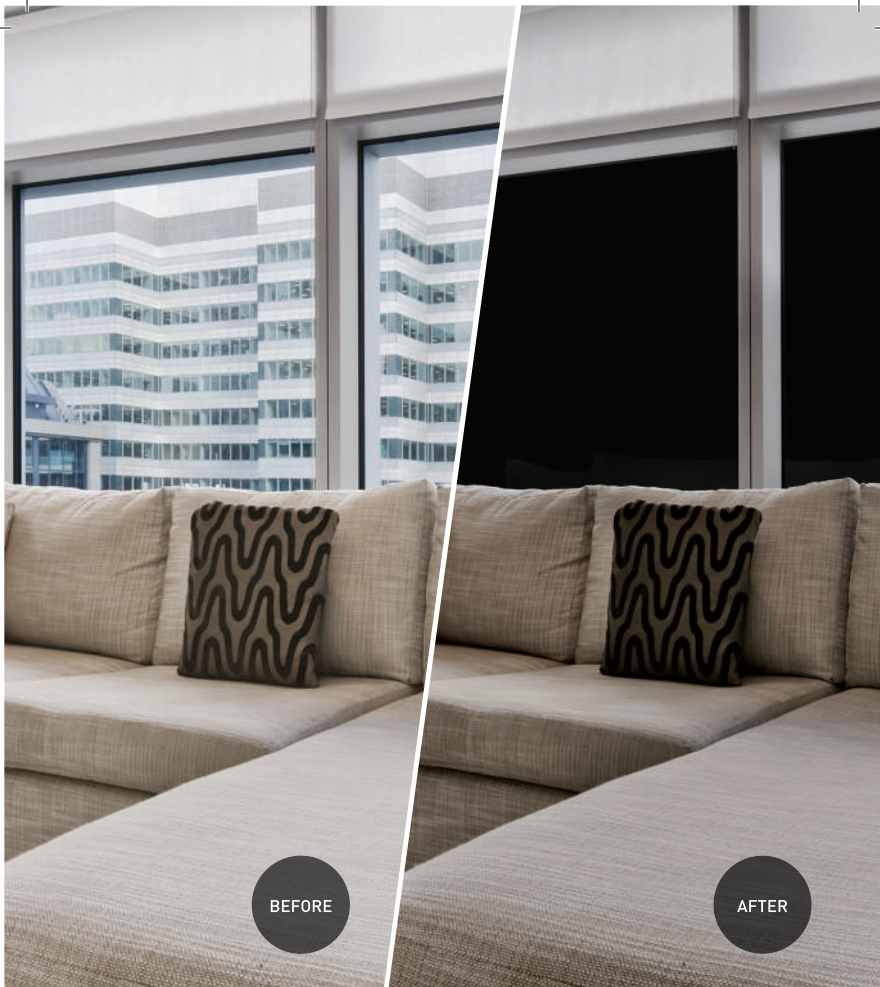


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## Transparent Clear

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(W)1520mm x (L)30M  
(W)1830mm



BEFORE

AFTER

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# 87201

Black-Out

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[W]1525mm x [L]30M