



**elite**

**POV**  
**CATALOGUE 2023**





### Solar protection

- Intercepts 98% of UV rays that are harmful to the skin, protecting it and preventing the appearance of spots and skin aging. As well as protect the furniture, curtains, and wallpaper so that they do not discolor or change color.



### Shatter-Proof safety function

- Provides security to prevent glass damage as well as prevents other accidents as breakage glass.
- Pressure sensitive adhesive for an advanced safety film is used.
- Thickness equal to the security film (2mil)



### Privacy protection

- Protects privacy by preventing visibility from outside and softens the entry of direct light, creating a comforting and pleasant environment.



### Improvement of Surface Strength

- Scratch resistant film without fading or color change.
- SR Coating: 2H anti-scratch coating is applied.



### Environment Friendly

- Free of 4 heavy metals (Pb, Cd, Cr6+, Hg), with excellent performance in the TVOC maldehyde verification test.



### Outstanding Dimensional Stability

- Prevent desorption of the material by shrinking or lapsing to avoid contamination of the adhesive after installation.



### Interior Design Effect

- Possible to manage 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.

# Characteristics

## Indoors installation

In principle, the indoors installation must be done for the surface of the glass in contact with the outside. In the case of outdoors installation, the functionality of the material may be compromised due to contamination, breakage, etc.

## Cleanness of surface

As foreign materials or contaminants may damage the appearance after installation, please check the cleanliness of all materials before starting the installation. ( i.e. contamination by static electricity, etc.)

## Use the proper amount of neutral detergents

Dilute proper amount of neutral detergents with water and spray them evenly on the glass surface and the adhered side of the material for installation. If the preparation of neutral detergents is lacking, the middle part of the sheet may stick during installation, making it difficult to remove water. In addition, if it is used excessively with neutral detergents, the adhered side may become slippery, which may cause deviation when compressing with a spatula.

## Spray water to the surface of the material

When compressing with a spatula after fixing the location, spray with water to the surface to reduce the friction between the material and the spatula. Be careful with the excessive pressure or the contact with the edge of the spatula over the material to avoid scratches.

## A spatula is recommended to installation

As a scratch may occur on the surface when installation, it is recommended to use a plastic spatula with felt protection. Additionally, if there is a bump on the surface of the spatula, remove it softly before installation.

## Avoid bending or folding

Because of the sensitive nature of PET Film, the material may be bended or folded while installing due to carelessness. Special attention should be paid while handling.

## 1:1 installation

As there is an uneven part of printing and etching on the film, do not attempt overlapping installation, as it may remove.

## Silicone area of the glass

It is not recommended to install the material on the silicone area of the edge of the glass.

## Remove Water

Before beginning the installation, remove any water, if any, to avoid the generation of stains after installation.

## Glass only

Avoid applying on plastic surface, including acrylic and polycarbonate (PC). Gas or water residue may cause damage on plastic surface.

## Notices after Installation

### When Cleaning

After installation or when cleaning, it is prohibited to use solvents or strong detergents as they may cause damage to the material. Use water or neutral detergents with soft clothes to remove the contaminants.

### Scratch on the surface

Be careful when using sponges, brushes, sharp and solid objects that can scratch the surface.

## Notices for storage

### Roll Fixing

Secure rolls with tape to prevent unrolling when storing after opening. Failure to follow these guidelines may cause material to unroll or be damaged.

### Keep clean

If contaminated with dust or dirt, a poor installation may result.

NEW

NEW

| Performance |                                 | Pattern NO. | 88092            | 88292            | 88290                    | 88011             | 88012             | 88095               | 88098               | 88005     | 88016      | 88093           | 88105   | 88041                              | Resultados Prueba |
|-------------|---------------------------------|-------------|------------------|------------------|--------------------------|-------------------|-------------------|---------------------|---------------------|-----------|------------|-----------------|---------|------------------------------------|-------------------|
|             |                                 |             | Centre Gradation | Centre Gradation | Centre Gradation (Black) | GM Stripe (White) | GM Stripe (Black) | Safety Mesh (White) | Safety Mesh (White) | White Dot | White Drip | Frost Gradation | Crystal | Bird guard window film             |                   |
| Solar Heat  | Transmittance (%)               |             | 77               | 49               | 3                        | 72                | 72                | 89                  | 89                  | 79        | 81         | 76              | 62      |                                    |                   |
|             | Reflectance (%)                 |             | 12               | 43               | 8                        | 16                | 15                | 6                   | 6                   | 11        | 9          | 11              | 16      |                                    |                   |
|             | Absorptance (%)                 |             | 11               | 7                | 89                       | 12                | 13                | 10                  | 10                  | 10        | 10         | 13              | 22      |                                    |                   |
| Visible Ray | Transmittance (%)               |             | 76               | 48               | 1                        | 66                | 74                | 86                  | 86                  | 82        | 83         | 78              | 55      |                                    |                   |
|             | Reflectance (%)                 |             | 11               | 58               | 8                        | 17                | 17                | 5                   | 5                   | 13        | 12         | 14              | 23      |                                    |                   |
|             | Absorptance (%)                 |             | 11               | 9                | 89                       | 17                | 9                 | 10                  | 10                  | 5         | 5          | 11              | 23      |                                    |                   |
|             | Total solar energy rejected (%) |             | 19               | 49               | 74                       | 21                | 21                | 19                  | 19                  | 20        | 20         | 18              | 31      |                                    |                   |
|             | Shading Coefficient             |             | 0,90             | 0,59             | 0,38                     | 0,91              | 0,90              | 0,90                | 0,90                | 0,93      | 0,90       | 0,90            | 0,81    |                                    |                   |
|             | UV Rejected (%)                 |             | 98               | 99               | 99                       | 98                | 98                | 98                  | 98                  | 98        | 98         | 98              | 98      |                                    |                   |
|             | Thickness (mil)                 |             | 2                | 2                | 2                        | 2                 | 2                 | 2                   | 2                   | 2         | 2          | 2               | 2       |                                    |                   |
|             | Structure (Ply)                 |             | 1                | 1                | 1                        | 1                 | 1                 | 1                   | 1                   | 1         | 1          | 1               | 1       |                                    |                   |
|             | SR Coating (H)                  |             | 2                | 2                | 2                        | 2                 | 2                 | 3                   | 2                   | 2         | 2          | 2               | 2       |                                    |                   |
|             |                                 |             |                  |                  |                          |                   |                   |                     |                     |           |            |                 |         | Shatter Resistance                 | 0                 |
|             |                                 |             |                  |                  |                          |                   |                   |                     |                     |           |            |                 |         | Visible Ray Transmittance (%)      | 88,1              |
|             |                                 |             |                  |                  |                          |                   |                   |                     |                     |           |            |                 |         | Adhesion Strength (N/10mm)         | 9,2               |
|             |                                 |             |                  |                  |                          |                   |                   |                     |                     |           |            |                 |         | Tensile Strength (N/10mm)          | 100               |
|             |                                 |             |                  |                  |                          |                   |                   |                     |                     |           |            |                 |         | Tensile strength (%)               | 107               |
|             |                                 |             |                  |                  |                          |                   |                   |                     |                     |           |            |                 |         | Weatherproof ( $\Delta E^*_{ab}$ ) | 0,3               |
|             |                                 |             |                  |                  |                          |                   |                   |                     |                     |           |            |                 |         | UV Rejected (%)                    | 99,9              |
|             |                                 |             |                  |                  |                          |                   |                   |                     |                     |           |            |                 |         | Thickness (mil)                    | 2                 |
|             |                                 |             |                  |                  |                          |                   |                   |                     |                     |           |            |                 |         | Structure (ply)                    | 2                 |

# Specifications





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| Performance                     |                   | Pattern NO. 88204 | 88205   | 88212        | 88214       | 88215           | 88231    | 88294        | 88295      | 88000     | 88001         | 88091                 | 88201         | 88291                 |
|---------------------------------|-------------------|-------------------|---------|--------------|-------------|-----------------|----------|--------------|------------|-----------|---------------|-----------------------|---------------|-----------------------|
|                                 |                   | Rattan Line       | Pin Dot | Woven Stripe | Stripe Tile | Fabric Triangle | Star Map | Dia Gradalon | White Cube | White Map | Dot Gradation | Dot Gradation (Black) | Dot Gradation | Dot Gradation (Black) |
| Solar Heat                      | Transmittance (%) | 56                | 56      | 56           | 56          | 56              | 56       | 56           | 56         | -         | 77            | 74                    | 58            | 3                     |
|                                 | Reflectance (%)   | 33                | 33      | 33           | 33          | 33              | 33       | 33           | 33         | -         | 12            | 11                    | 16            | 8                     |
|                                 | Absorptance (%)   | 11                | 11      | 11           | 11          | 11              | 11       | 11           | 11         | -         | 11            | 13                    | 27            | 89                    |
| Visible Ray                     | Transmittance (%) | 56                | 56      | 56           | 56          | 56              | 56       | 56           | 56         | 31        | 77            | 74                    | 4             | 1                     |
|                                 | Reflectance (%)   | 39                | 39      | 39           | 39          | 39              | 39       | 39           | 39         | -         | 12            | 18                    | 19            | 8                     |
|                                 | Absorptance (%)   | 11                | 11      | 11           | 11          | 11              | 11       | 11           | 11         | -         | 11            | 8                     | 28            | 89                    |
| Total solar energy rejected (%) |                   | 41                | 41      | 41           | 41          | 41              | 41       | 41           | 41         | -         | 20            | 19                    | 36            | 74                    |
| Shading Coefficient             |                   | 0,68              | 0,68    | 0,68         | 0,68        | 0,68            | 0,68     | 0,68         | 0,68       | -         | 0,91          | 0,90                  | 0,76          | 0,38                  |
| UV Rejected (%)                 |                   | 99                | 99      | 99           | 99          | 99              | 99       | 99           | 99         | 99        | 98            | 98                    | 99            | 99                    |
| Thickness (mil)                 |                   | 2                 | 2       | 2            | 2           | 2               | 2        | 2            | 2          | 2         | 2             | 2                     | 2             | 2                     |
| Structure (Ply)                 |                   | 1                 | 1       | 1            | 1           | 1               | 1        | 1            | 1          | 1         | 1             | 1                     | 1             | 1                     |
| SR Coating (H)                  |                   | 2                 | 2       | 2            | 2           | 2               | 2        | 2            | 2          | 2         | 2             | 2                     | 3             | 2                     |

# Specifications

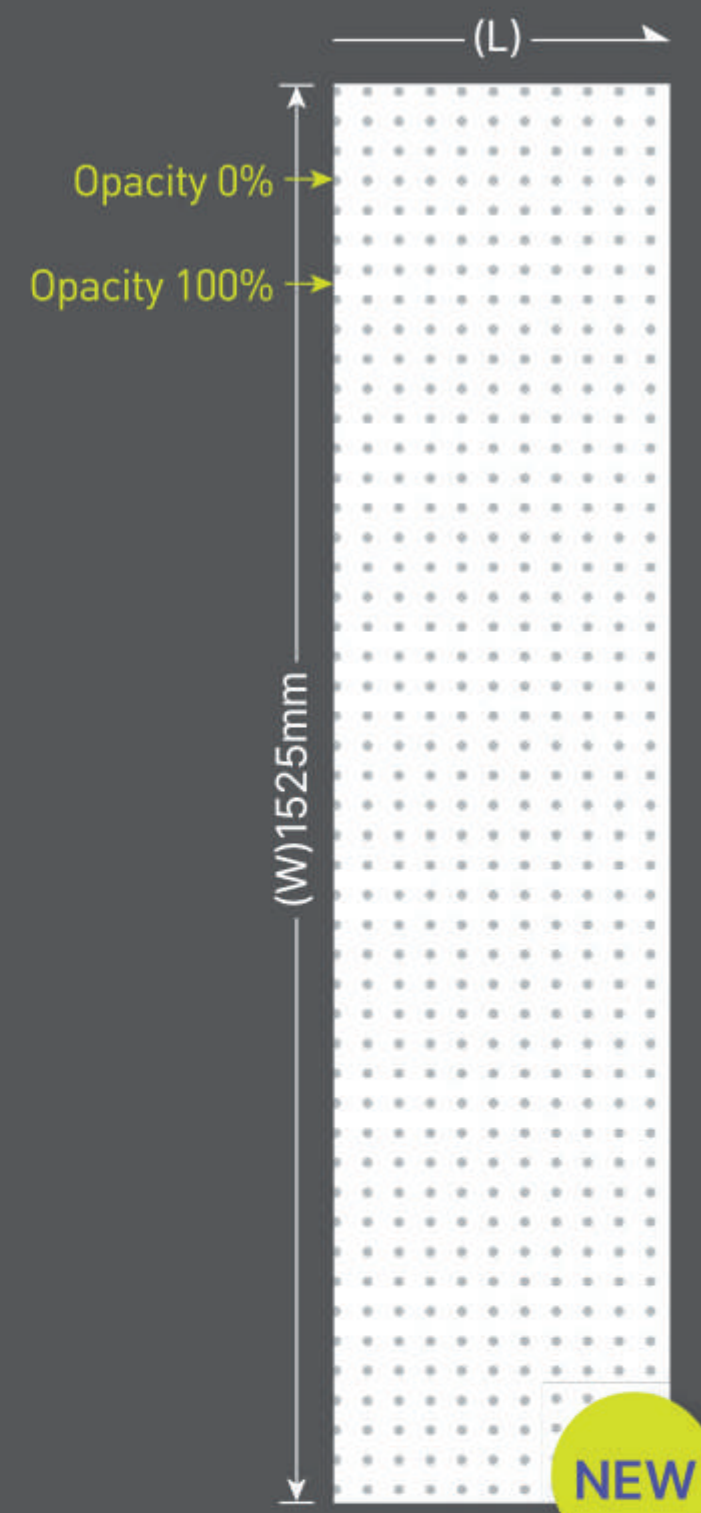


01

(W) 1525mm x (L) 30M

88204

Rattan Line  
elite



02

(W)1525mm x (L)30M

88205

Pin Dot  
elite



Horizontal Pattern



**03**

(W)1525mm x (L)30M

**88212**

Woven Stripe  
**elite**





04

(W)1525mm x (L)30M

88214

Stripe Tile  
elite



05

(W)1525mm x (L)30M

88215

Fabric Triangle  
elite



06

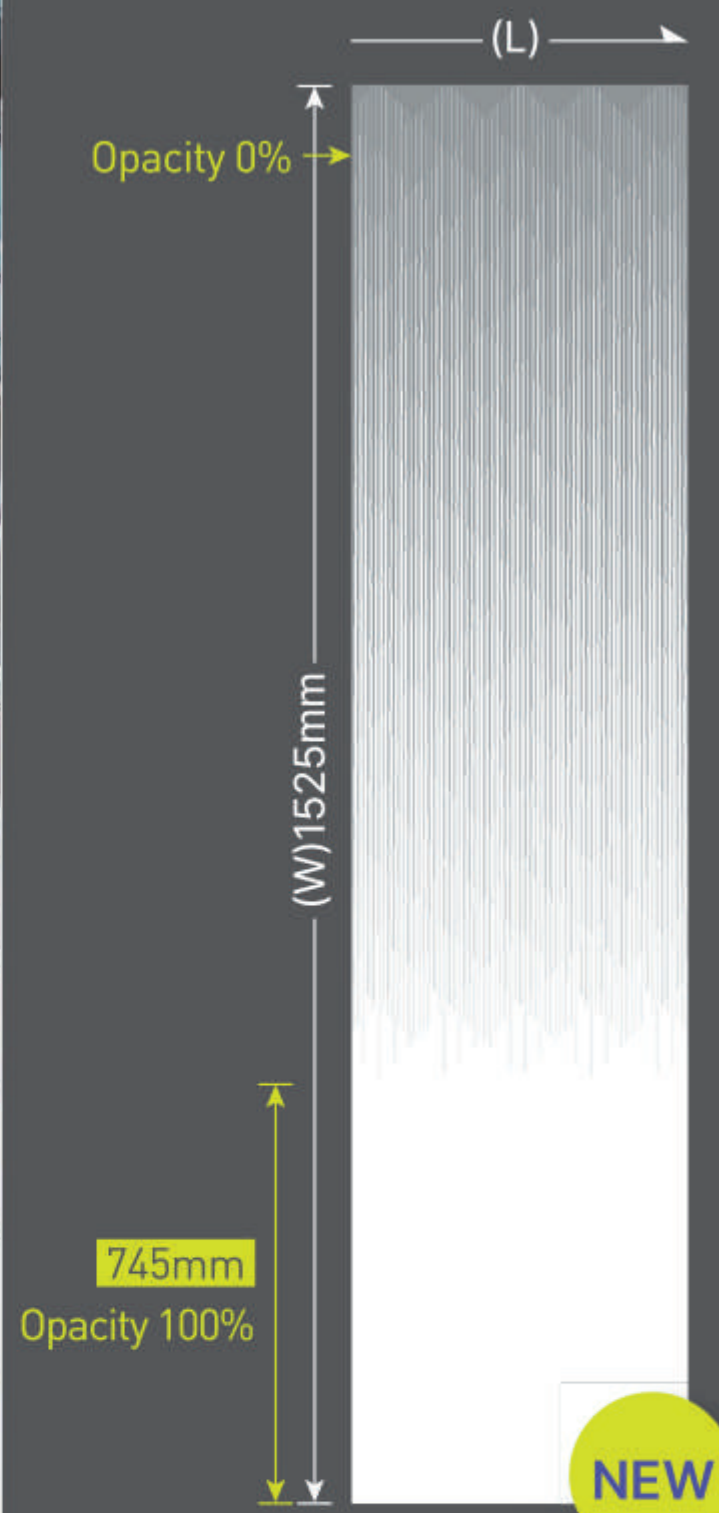
(W)1525mm x (L)30M

88231

Star Map  
elite



Horizontal Pattern

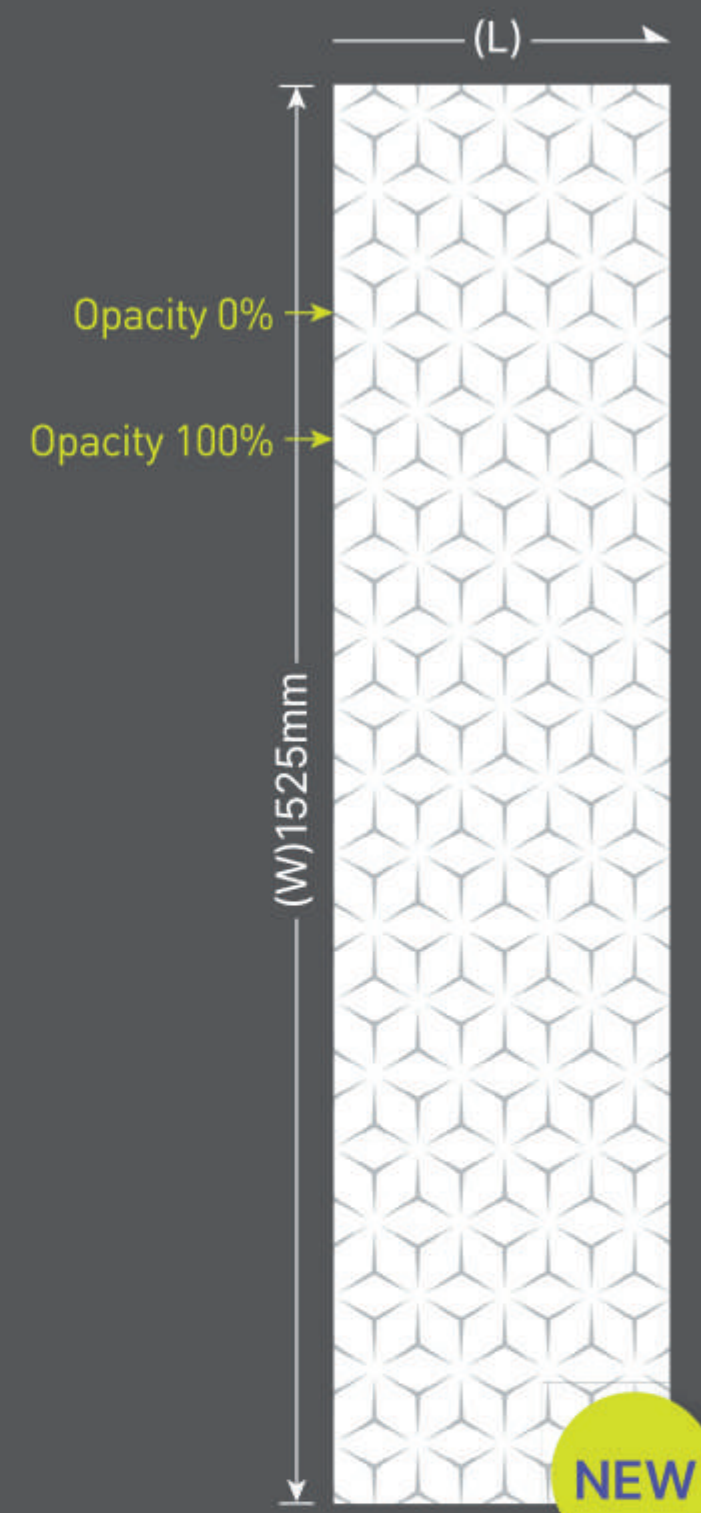


**07**

(W)1525mm x (L)30M

**88294**

Dia Gradation  
**elite**



08

(W) 1525mm x (L) 30M

88295

White Cube  
elite



09

(W)1270mm x (L)30M

88000

White Matt  
elite



Horizontal Pattern

(L) →

20mm  
Opacity 0%



(W)1270mm

345mm  
Opacity 100%



10

(W)1270mm x (L)30M

88001

Dot Gradation  
elite



Horizontal Pattern



11

(W)1270mm x (L)30M

88091

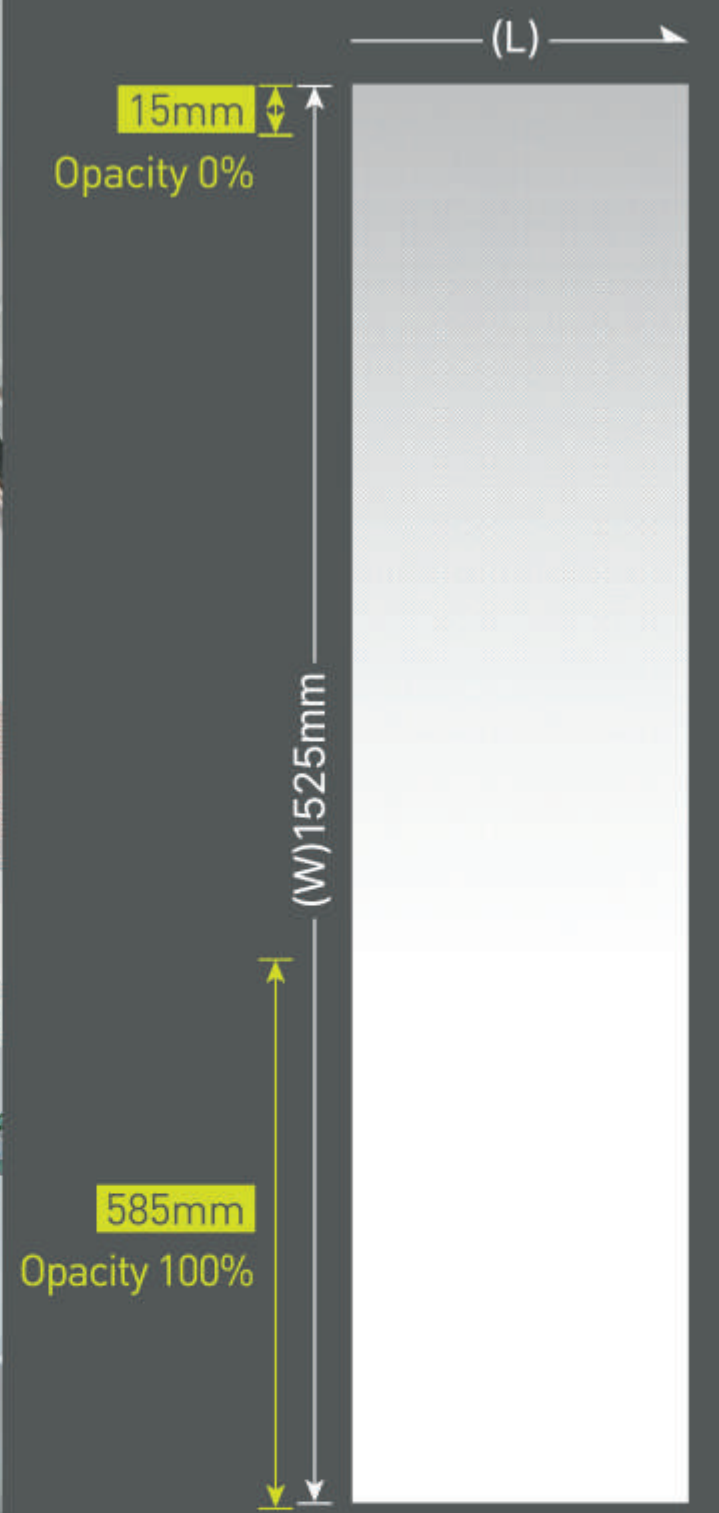
Dot Gradation(Black)

elite





Horizontal Pattern



12

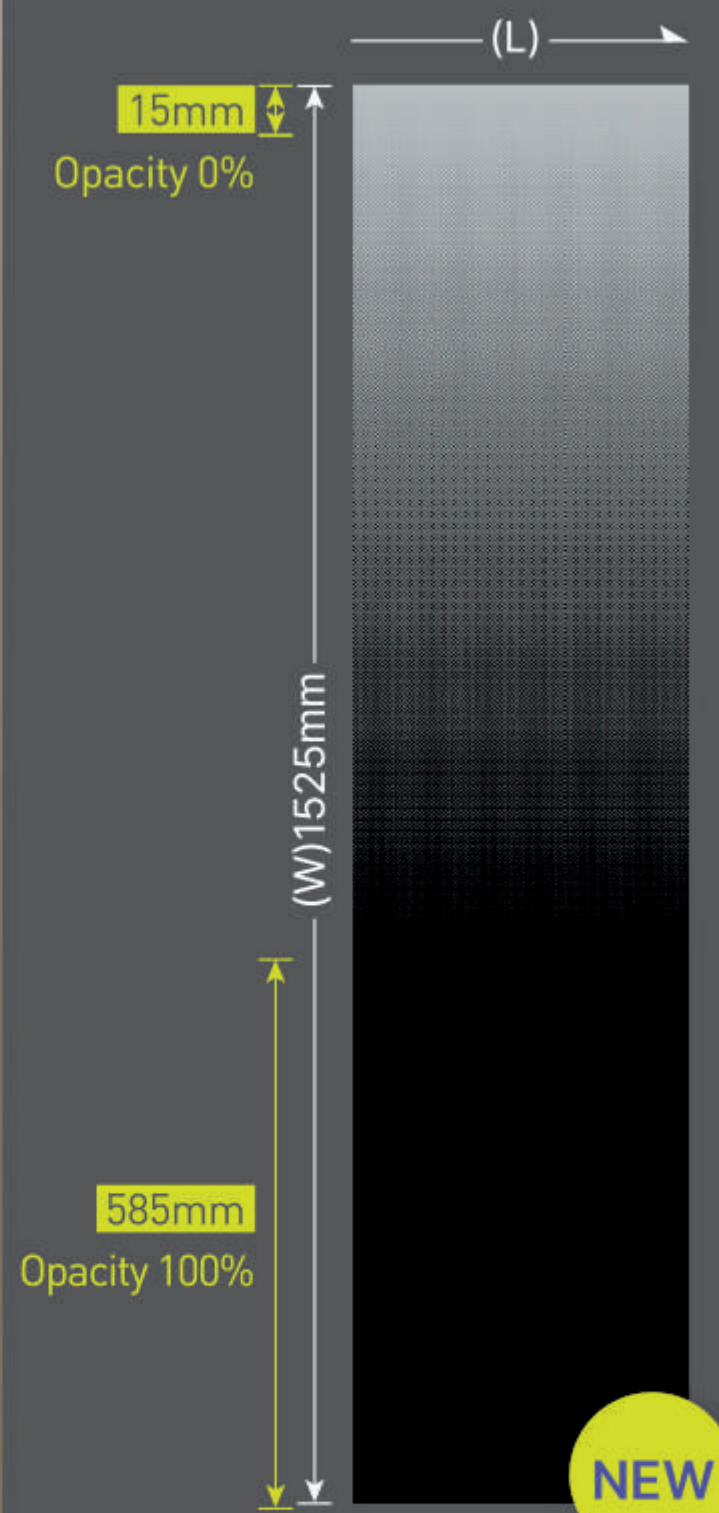
(W) 1525mm x (L) 30M

88201

Dot Gradation  
elite



Horizontal Pattern



13

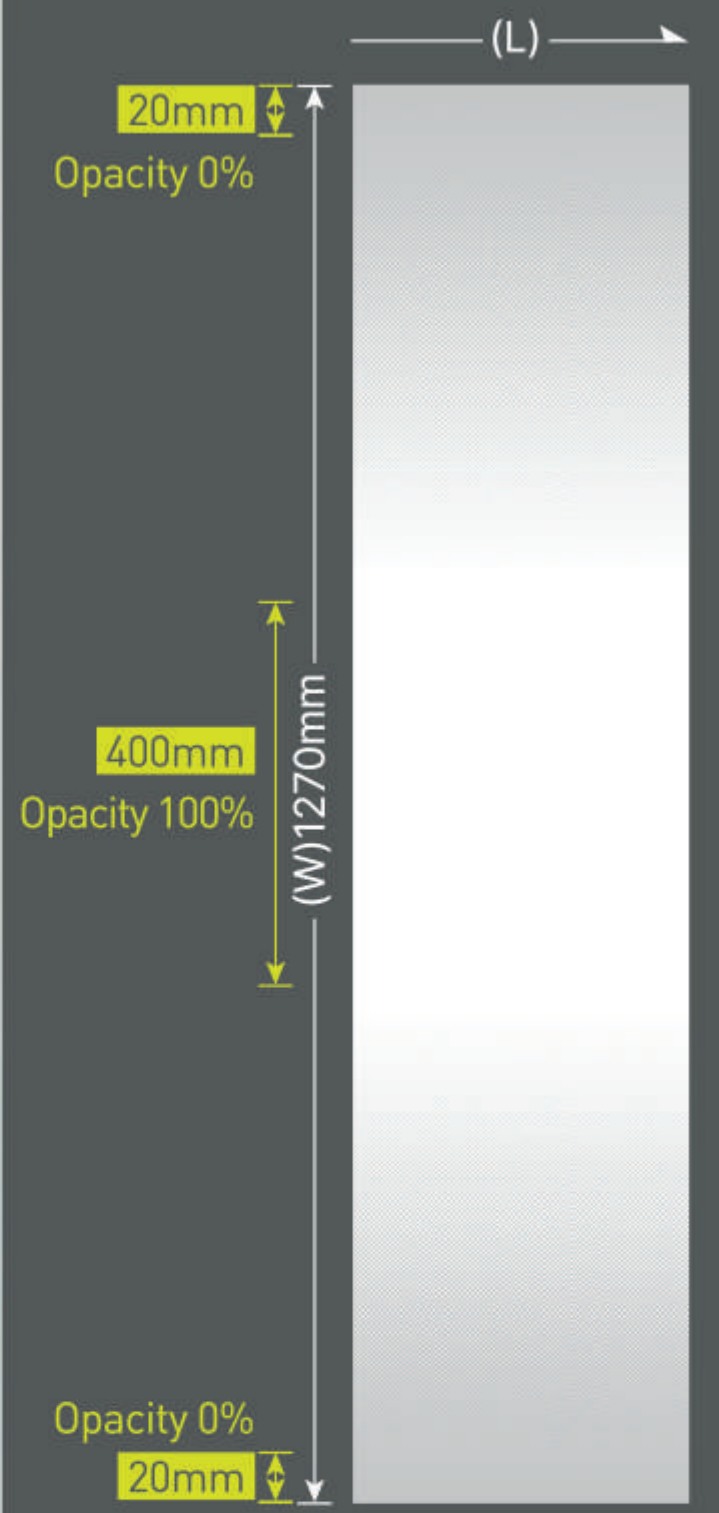
(W)1525mm x (L)30M

88291

Dot Gradation(Black)  
elite



Horizontal Pattern



**14**

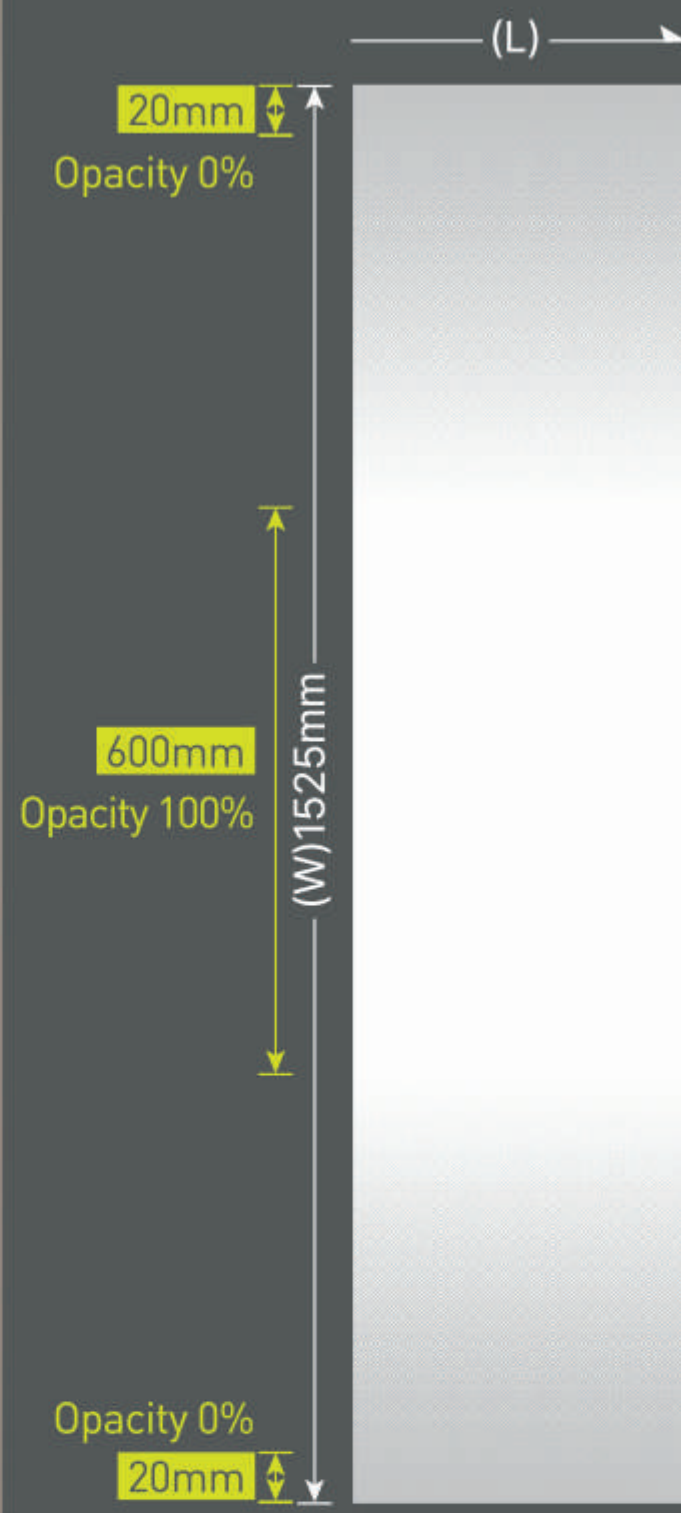
(W)1270mm x (L)30M

**88092**

Centre Gradation  
**elite**



Horizontal Pattern



**15**

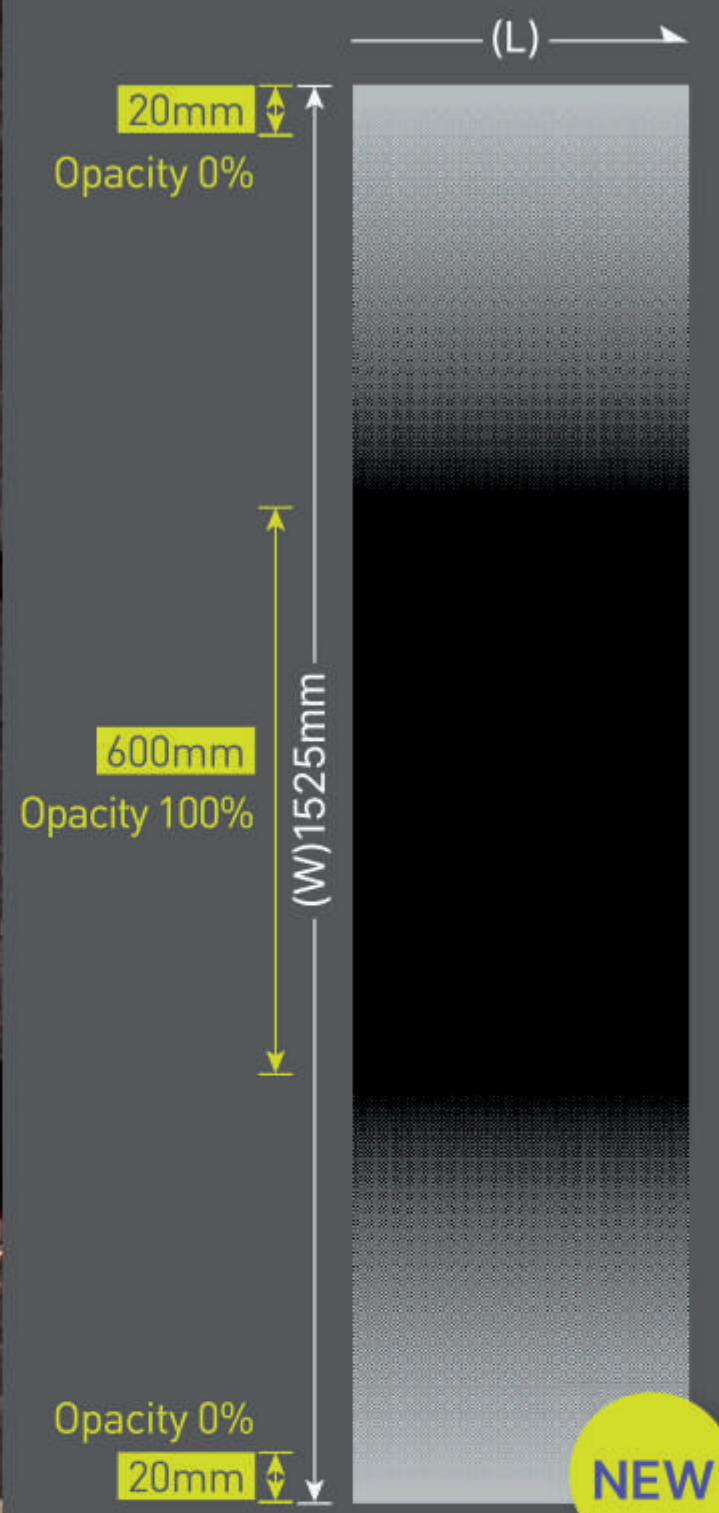
(W)1525mm x (L)30M

**88292**

Centre Gradation  
**elite**



Horizontal Pattern



**16**

(W)1525mm x (L)30M

**88290**

Centre Gradation(Black)

**elite**



Horizontal Pattern



17

(W)1270mm x (L)30M

**88011**

GM Stripe(White)  
**elite**



Horizontal Pattern



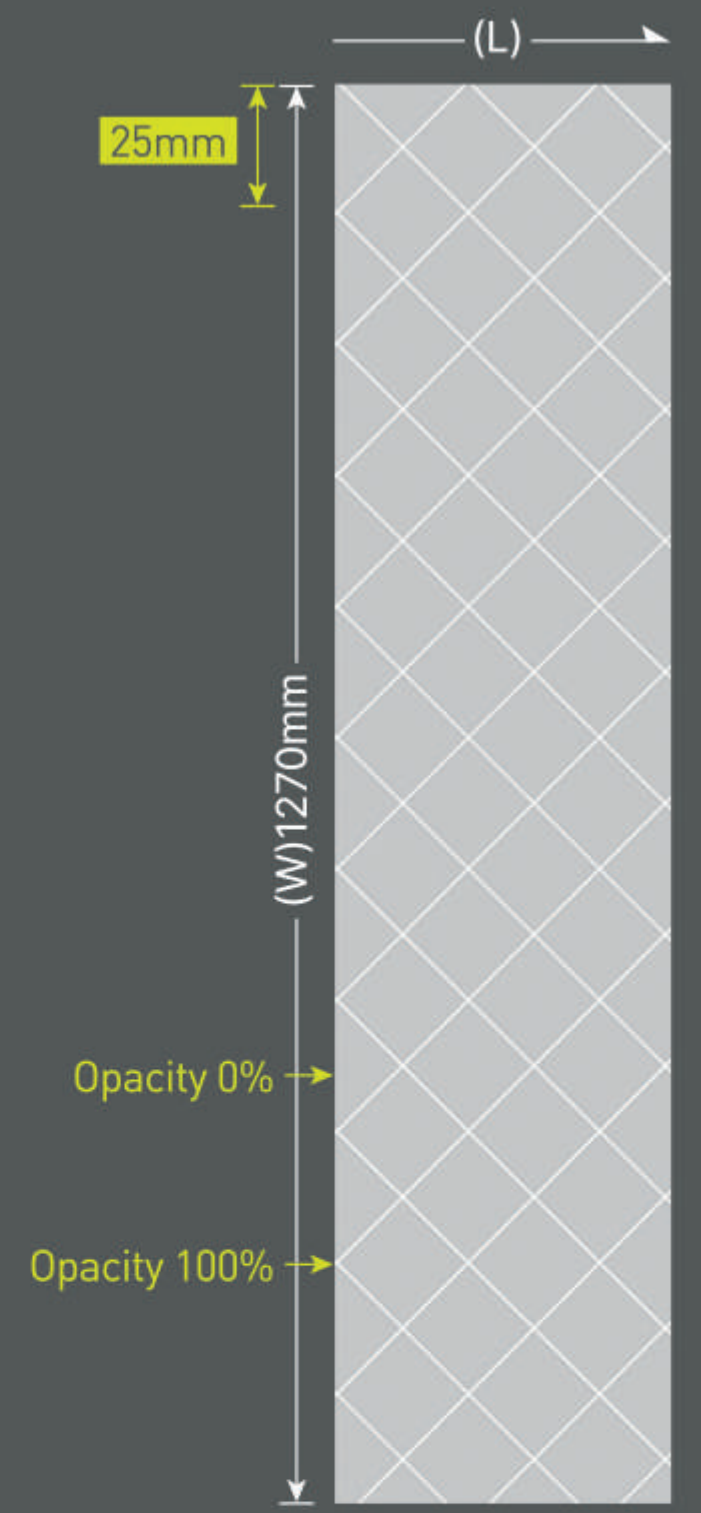
18

(W)1270mm x (L)30M

88012

GM Stripe(Black)

elite



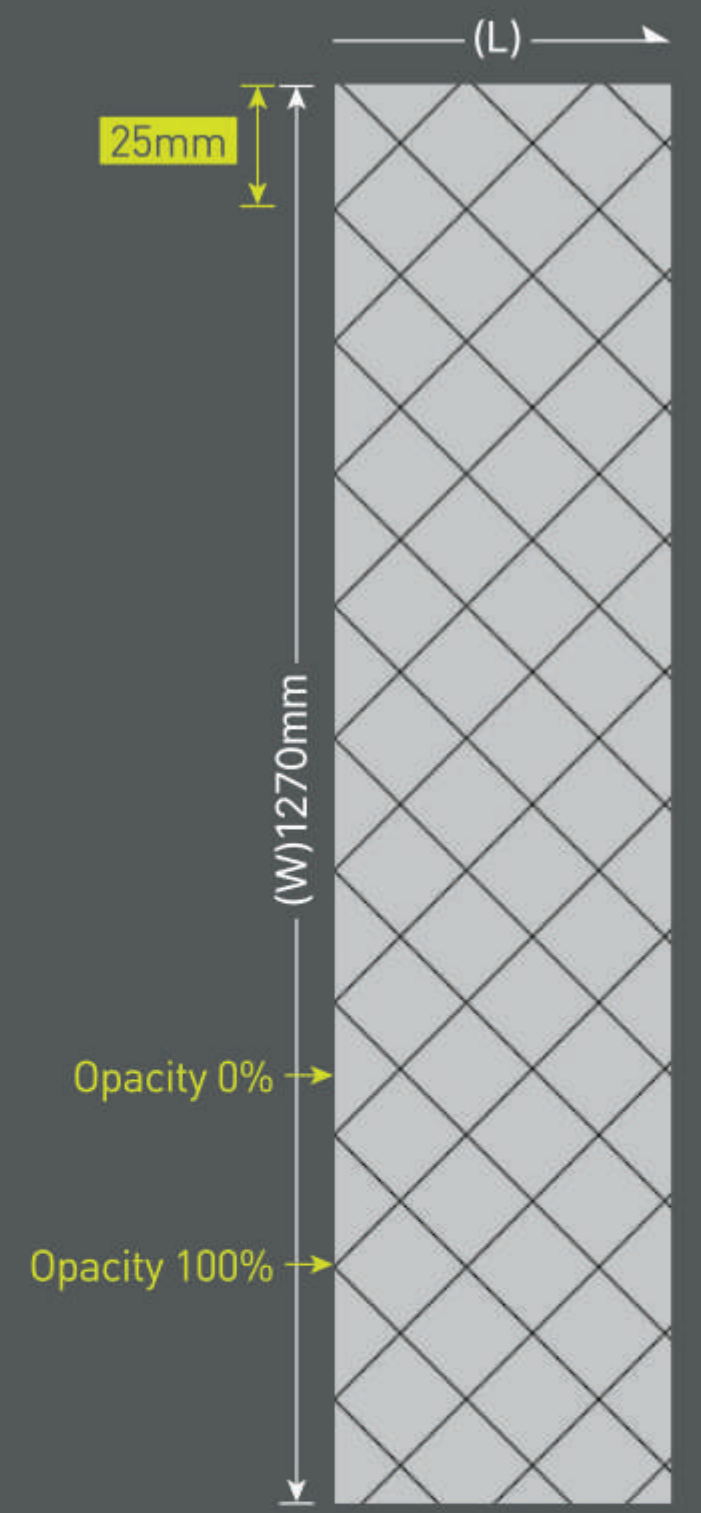
**19**

(W)1270mm x (L)30M

**88095**

Safety Mesh(White)  
**elite**



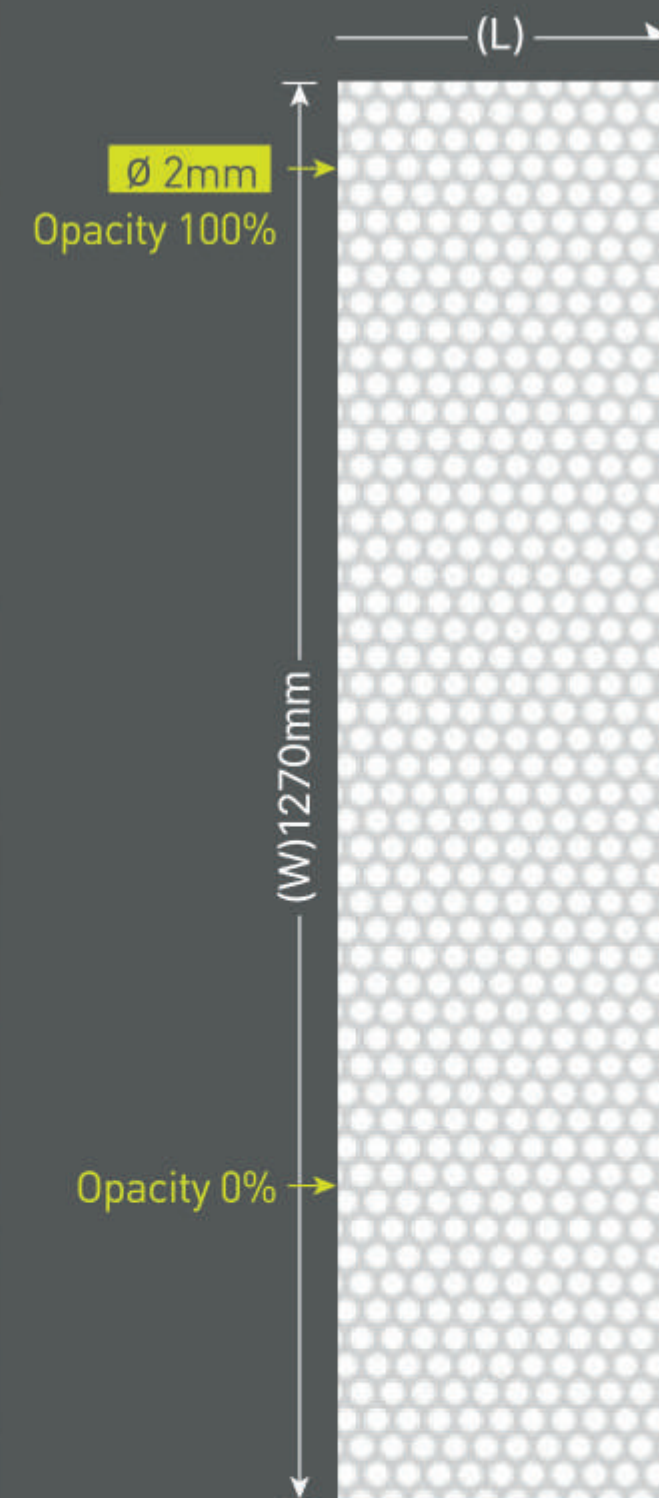


**20**

(W)1270mm x (L)30M

**88098**

**Safety Mesh(Black)  
elite**



21

(W)1270mm x (L)30M

88005

White Dot  
elite



**22**

(W)1270mm x (L)30M

**88016**

White Drip  
**elite**



Horizontal Pattern

(L) →

20mm  
Opacity 0%

(W)1270mm

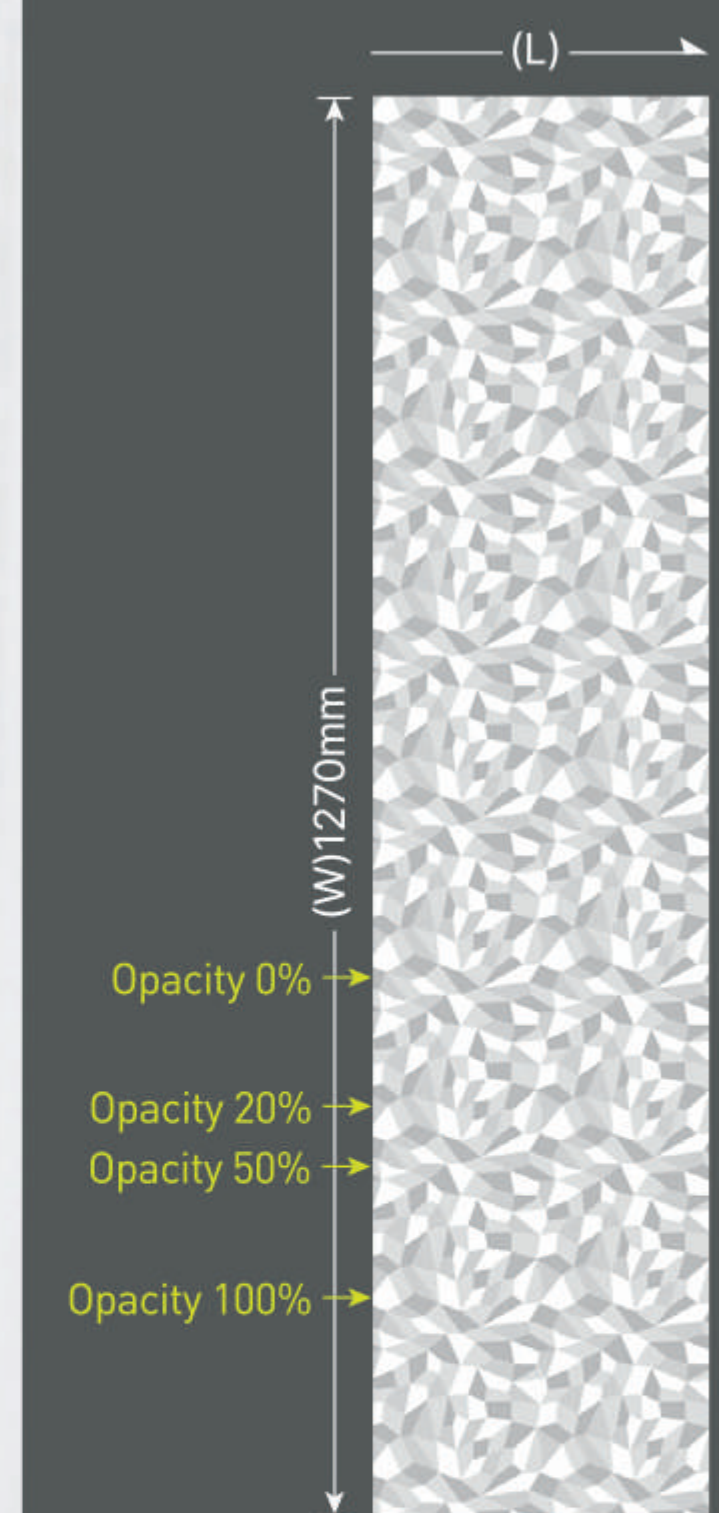
Opacity 100%  
20mm

23

(W)1270mm x (L)30M

88093

Frost Gradation  
elite

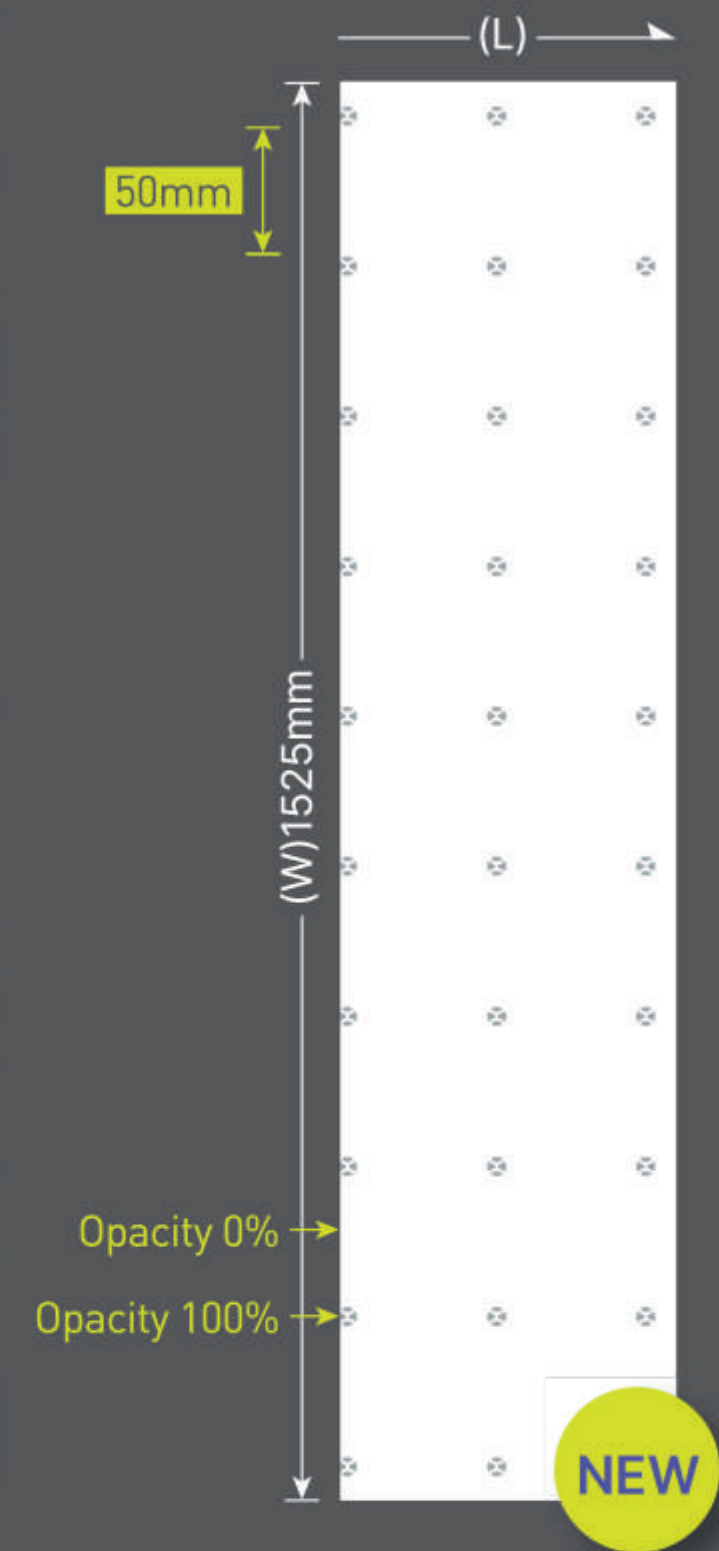


**24**

(W) 1270mm x (L) 30M

**88105**

Crystal  
elite



**25**

(W) 1525mm x (L) 30M

**88041**

Bird Guard Window Film  
**elite**

# welcome to the revolution elite

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