

# POLYSCREEN®



Class 1  
Bs2d0 - Pass  
Classe 1



GREENGUARD  
GOLD



## POLYSCREEN® 550

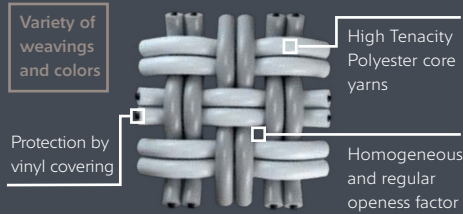


### BANDALUX

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## POLYSCREEN®

### 550



#### MÁXIMA EFICIENCIA TÉRMICA Y LUMÍNICA CON ESTÉTICA TEXTIL

- Excelente protección térmica gestión de hasta el 94% de energía solar ( $G_{tote} = 0.06 - G_{toti} = 0.24$ ).
- Visibilidad exterior y eficiencia térmica: 5% de apertura homogénea.
- Rendimiento energético: contribuye al ahorro energético en calefacción y aire acondicionado.
- Filtrado de la luz muy eficaz: bloqueo del 95% de la luz (TV=5%).
- Tejido sostenible, respetuoso con la salud y el medio ambiente, 100% reciclable.
- Calidad del aire: inoloro, no desprende COV (certificado Greenguard Gold).
- Enrolle perfecto incluso para grandes dimensiones (ancho 250-300 cm).
- Resistencia a condiciones meteorológicas extremas (IMO) y al cloro.

#### ASPECT TEXTILE PRONONCÉ POUR UNE EFFICACITÉ THERMIQUE ET VISUELLE RENFORCÉE

- Protection thermique renforcée : jusqu'à 94 % de l'énergie solaire maîtrisée ( $G_{tote} = 0.06 - G_{toti} = 0.24$ ).
- Visibilité extérieure et efficacité thermique : 5 % d'ouverture homogène.
- Performances énergétiques : contribue aux économies de chauffage et de climatisation.
- Filtre efficacement la lumière : 95 % de la lumière stoppée (TV = 5 %).
- Tissu éco-conçu, respectueux de la santé et de l'environnement, 100 % recyclable.
- Qualité de l'air : sans odeur, il ne dégage pas de COV (certifié Greengard Gold).
- Excellent enroulement même en grandes dimensions (largeur 250-300 cm).
- Résiste aux conditions météorologiques en milieux les plus extrêmes (IMO), résistance au chlore.

#### MAXIMUM THERMAL AND LIGHT EFFICIENCY WITH A TEXTILE APPEARANCE

- Excellent thermal protection, managing up 94% of solar heat (both indoors and outdoors:  $G_{tote} = 0.06 - G_{toti} = 0.24$ ).
- Visibility to the outside and thermal efficiency: 5% degree of opening, throughout the entire shade.
- Energy efficiency: contributes to energy savings in heating and air conditioning.
- Highly efficient sunlight filter: blocks 95% of the sunlight (TV=5%).
- A sustainable, 100% recyclable, environmentally friendly and health-friendly fabric.
- Air quality: colorless, VOC emission free (Greenguard Gold certified).
- Perfect roll, even in large sizes (250-300 cm in width).
- Resistant to extreme climate conditions (IMO) and chlorine.

#### MASSIMA EFFICIENZA TERMICA E LUMINICA CON ESTETICA TESSILE

- Eccellente protezione termica, gestione fino al 94% di energia solare ( $G_{tote} = 0.06 - G_{toti} = 0.24$ ).
- Visibilità esterna ed efficienza termica: 5% di apertura omogenea.
- Rendimento energetico: contribuisce al risparmio energetico nel riscaldamento e nell'aria condizionata.
- Filtraggio della luce molto efficace: blocco del 95% della luce (TV=5%).
- Tessuto sostenibile, rispettoso della salute e dell'ambiente, 100% riciclabile.
- Qualità dell'aria: inodore, non rilascia COV (certificato Greenguard Gold).
- Avvolgimento perfetto anche per grandi dimensioni (larghezza 250-300 cm).
- Resistenza a condizioni meteorologiche estreme (IMO) e al cloro.

#### PROPERTIES



#### MAINTENANCE



#### CERTIFICATES

##### FABRICS CERTIFICATES



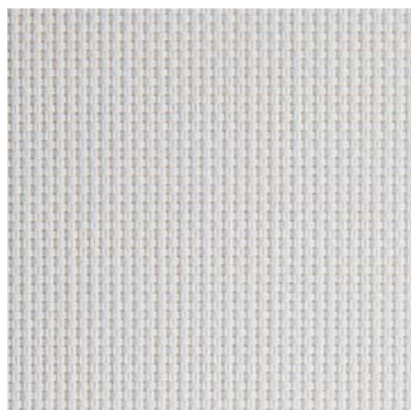
##### COMPANY & SYSTEMS CERTIFICATES



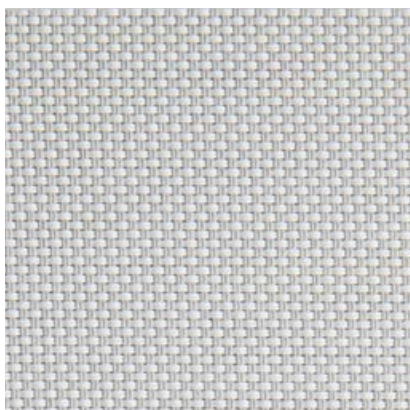
Contributing to Ecofriendly Building



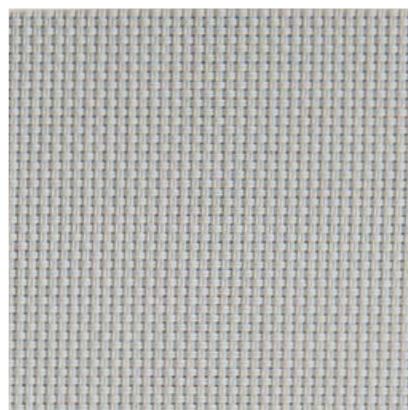
[contract.bandalux.com](http://contract.bandalux.com)



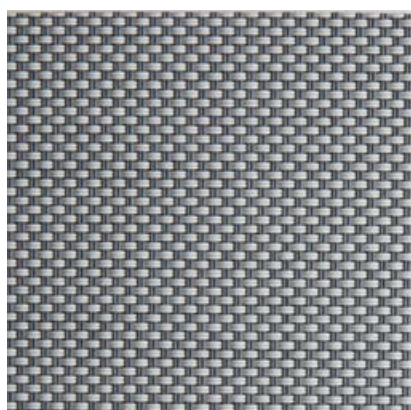
**White**  
Ref. 10002



**White Pearl**  
Ref. 10027



**Pearl**  
Ref. 10007



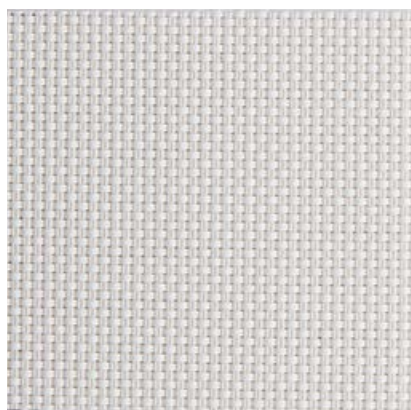
**Pearl Grey**  
Ref. 10071



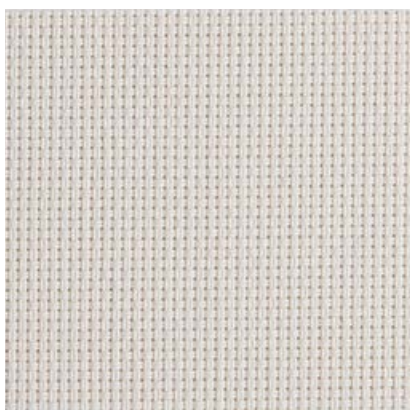
**Ash**  
Ref. 10099



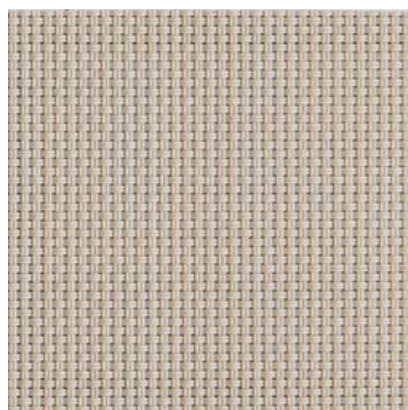
**Ebony**  
Ref. 10080



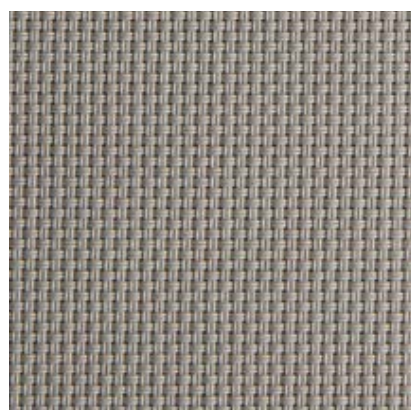
**White Linen**  
Ref. 10220



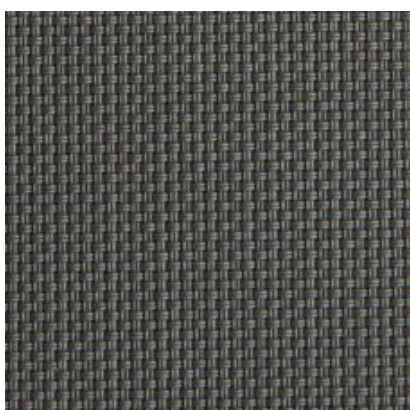
**Linen**  
Ref. 10020



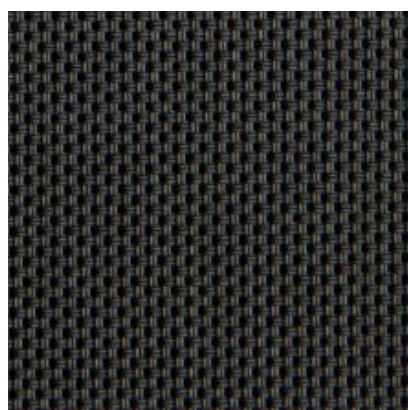
**Cinder**  
Ref. 10958



**Pebble**  
Ref. 10959



**Slate**  
Ref. 10850



**Tobacco**  
Ref. 10069



OF 5%

POLYSCREEN® 550

TECHNICAL DATA

|                                                                                                                                               |                                                                 |                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Composición / Composition / Composition / Composizione                                                                                        | -                                                               | 85% PVC + 15% PES                                                                                                                                                           |
| Peso / Poids / Weight / Peso                                                                                                                  | EN 12127                                                        | 603 g/m² - 17,78 oz/yd²                                                                                                                                                     |
| Espesor / Épaisseur / Thickness / Spessore                                                                                                    | EN ISO 5084                                                     | 0,78 mm - 0,031"                                                                                                                                                            |
| Ancho de rollo / Largeur rouleau<br>Roll width / Larghezza del tessuto                                                                        | -                                                               | 250 cm - 98" / 300 cm - 118" <sup>01</sup>                                                                                                                                  |
| Grado de apertura / Coefficient d'ouverture<br>Openess Factor / Grado di apertura (%)                                                         | -                                                               | 5%                                                                                                                                                                          |
| Resistencia al fuego / Classement feu<br>Fire classification / Resistenza al fuoco                                                            | EN 13773<br>EN 13501-1<br>NFPA 701 - CAN/ULC-S109-3<br>UNI 9177 | Class 1<br>Bs2d0<br>Pass<br>Classe 1                                                                                                                                        |
| Wheelmark                                                                                                                                     | IMO Res.MSC.307(88)-(2010 FTP Code)<br>IMO MSC/Circ. 1102       | Pass                                                                                                                                                                        |
| Resistencia al desgarro / Résistance à la déchirure<br>Tear resistance / Resistenza alla trazione (daN)                                       | EN ISO 13937-3                                                  | 6,4 daN - 4,9 daN                                                                                                                                                           |
| Resistencia a la ruptura / Résistance rupture<br>Tensile strength / Resistenza alla rottura (daN/5cm)                                         | EN ISO 13934-1                                                  | 172 daN - 138 daN                                                                                                                                                           |
| Resistencia a la luz / Résistance à la lumière<br>Light Fastness / Resistenza alla luce (Grey Scale)                                          | EN ISO 4892-2 (exterior)                                        | 5/5<br>4/5 White                                                                                                                                                            |
| Resistencia a la luz / Résistance à la lumière<br>Light Fastness / Resistenza alla luce (Blue Scale)                                          | EN ISO 105 B02 (interior)                                       | 8/8<br>7/8 White                                                                                                                                                            |
| Test de olores / Test d'odeur / Odour test / Test degli odori                                                                                 | PV-3900                                                         | 3 Pass                                                                                                                                                                      |
| Resistencia en ambientes salinos<br>Résistance aux environnements salins<br>Durability in saline environment<br>Resistenza in ambienti salini | EN ISO 112-017:92<br>ISO 9227:90                                | Sin cambios en la superficie (max.nivel)<br>Aucun changement en surface (niveau max.)<br>Whitout changes in surface (max. level)<br>Senza cambi in superficie (nivelo mass) |
| Actividad antimicrobiana / Activité antibacterienne<br>Antimicrobial activity / Attività antimicrobica                                        | ASTM 2180-01                                                    | Inhibe la proliferación de bacterias<br>Pas de prolifération de bactérie<br>Microorganism growth inhibition<br>Impedisce la proliferazione dei batteri                      |
| Material reciclado / Matériaux recyclés<br>Recycled material / Materiali riciclati                                                            | -                                                               | 2% Pre-consumer                                                                                                                                                             |
| Imprimible / Imprimable<br>Printable / Stampabile                                                                                             | -                                                               | Sí / Oui<br>Yes / Sì                                                                                                                                                        |

<sup>01</sup> Ash / Ebony / Linen / Pearl / Pearl Grey / Tobacco / White / White Linen / White Pearl

**PS 550 AIRPURE®** Consultar colores disponibles en la ficha específica para colección Airpure. / See available colours in the Airpure collection data sheet. / Voir les couleurs disponibles dans la fiche spécifique de la collection Airpure. / Vedere i colori disponibili nella scheda specifica della collezione Airpure.



**PS 550 (EXT)**

Los colores disponibles se indican con el siguiente sello. / Les couleurs disponibles sont indiquées par le cachet ci-dessous. / The available colours are indicated by the stamp below. / I colori disponibili sono indicati dal timbro sottostante.

THERMAL FACTORS

OPTICAL FACTORS

| Ref.  | Colors                     | EN410 - EN14500 - EN14501 |      |      |                                |       |                                |       |                                |       |                                |       |      |      |          |             |                     |                     |                      |                            |
|-------|----------------------------|---------------------------|------|------|--------------------------------|-------|--------------------------------|-------|--------------------------------|-------|--------------------------------|-------|------|------|----------|-------------|---------------------|---------------------|----------------------|----------------------------|
|       |                            | % Ts                      | % Rs | % As | EN52022-3                      |       |                                |       | EN52022-1                      |       |                                |       | % Tv | % Rv | % Tv,n-n | % Tv,n-diff | Glare Control Class | Night Privacy Class | Visual Contact Class | Daylight Utilisation Class |
|       |                            |                           |      |      | G <sub>TOT</sub> int Glazing D |       | G <sub>TOT</sub> ext Glazing D |       | G <sub>TOT</sub> int Glazing C |       | G <sub>TOT</sub> ext Glazing C |       |      |      |          |             |                     |                     |                      |                            |
|       |                            |                           |      |      | G <sub>TOT</sub>               | CLASS | G <sub>TOT</sub>               | CLASS | G <sub>TOT</sub>               | CLASS | G <sub>TOT</sub>               | CLASS |      |      |          |             |                     |                     |                      |                            |
| 10099 | Ash <sup>(a)</sup>         | 6                         | 7    | 87   | 0,28                           | 2     | 0,06                           | 4     | 0,49                           | 1     | 0,12                           | 3     | 6    | 8    | 6        | 0,4         | 1                   | 1                   | 3                    | 1                          |
| 10958 | Cinder                     | 11                        | 40   | 49   | 0,21                           | 2     | 0,04                           | 4     | 0,47                           | 1     | 0,12                           | 3     | 7    | 42   | 4        | 3           | 2                   | 2                   | 2                    | 1                          |
| 10080 | Ebony <sup>(a)</sup>       | 7                         | 3    | 90   | 0,28                           | 2     | 0,06                           | 4     | 0,59                           | 0     | 0,13                           | 3     | 7    | 3    | 6,5      | 0,4         | 0                   | 1                   | 3                    | 1                          |
| 10020 | Linen <sup>(a)</sup>       | 21                        | 54   | 25   | 0,17                           | 2     | 0,05                           | 4     | 0,36                           | 1     | 0,16                           | 2     | 16   | 61   | 7        | 10          | 0                   | 1                   | 2                    | 2                          |
| 10007 | Pearl <sup>(a)</sup>       | 14                        | 43   | 43   | 0,2                            | 2     | 0,05                           | 4     | 0,43                           | 1     | 0,13                           | 3     | 10   | 46   | 6        | 4           | 0                   | 1                   | 3                    | 2                          |
| 10071 | Pearl Grey <sup>(a)</sup>  | 11                        | 29   | 60   | 0,23                           | 2     | 0,05                           | 4     | 0,48                           | 1     | 0,1                            | 3     | 9    | 33   | 7        | 2           | 0                   | 1                   | 3                    | 2                          |
| 10959 | Pebble                     | 8                         | 31   | 61   | 0,23                           | 2     | 0,04                           | 4     | 0,47                           | 1     | 0,1                            | 3     | 5    | 33   | 4        | 1           | 1                   | 2                   | 2                    | 1                          |
| 10850 | Slate                      | 5                         | 12   | 83   | 0,27                           | 2     | 0,05                           | 4     | 0,40                           | 1     | 0,11                           | 3     | 5    | 13   | 4        | 0,4         | 3                   | 2                   | 2                    | 1                          |
| 10069 | Tobacco <sup>(a)</sup>     | 5                         | 5    | 90   | 0,28                           | 2     | 0,06                           | 4     | 0,49                           | 1     | 0,12                           | 3     | 5    | 5    | 5        | 0,3         | 3                   | 2                   | 2                    | 1                          |
| 10002 | White <sup>(a)</sup>       | 19                        | 69   | 12   | 0,13                           | 3     | 0,04                           | 4     | 0,35                           | 1     | 0,14                           | 3     | 15   | 78   | 6        | 9           | 0                   | 1                   | 2                    | 2                          |
| 10220 | White Linen <sup>(a)</sup> | 20                        | 63   | 17   | 0,15                           | 2     | 0,04                           | 4     | 0,37                           | 1     | 0,15                           | 2     | 16   | 71   | 7        | 9           | 0                   | 1                   | 2                    | 2                          |
| 10027 | White Pearl <sup>(a)</sup> | 16                        | 57   | 27   | 0,16                           | 2     | 0,04                           | 4     | 0,38                           | 1     | 0,13                           | 3     | 12   | 64   | 6        | 6           | 0                   | 1                   | 2                    | 2                          |

The technical data above are average values with a +/- 5% tolerance. The values quoted above represent results of standards and internal tests performed and are provided for information only to enable to make the best use of our products. To ensure warranty effectiveness, refer to warranty certificate concerned available on demand. Our products are subjects to technical evolutions, we remain entitled to modify the characteristics of our products at any time. The buyer of our products is responsible for checking the validity of the above data.