

# POLYSCREEN®



Class 1  
Bs3d0 - Pass



GREENGUARD



## POLYSCREEN® 351

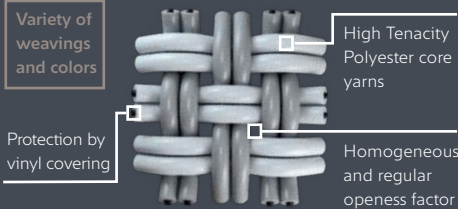


## BANDALUX

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## POLYSCREEN®

### 351



#### EXCELENTE COMPROMISO ENTRE EFICIENCIA TÉRMICA Y CONFORT VISUAL

- Excelente protección térmica gestión de hasta el 95% de energía solar ( $G_{tote} = 0.05 - G_{toti} = 0.23$ ).
- Privacidad y bloqueo térmico: 1% de apertura homogénea.
- Rendimiento energético: contribuye al ahorro energético en calefacción y aire acondicionado.
- Filtrado de la luz muy eficaz: 99% de la luz bloqueada ( $TV=1\%$ ).
- Contribuye al confort acústico:  $\alpha_w: 0.50$ .
- 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.

#### EXCELLENT COMPROMIS ENTRE EFFICACITÉ THERMIQUE ET CONFORT VISUEL

- Protection thermique renforcée : jusqu'à 95 % de l'énergie solaire maîtrisée ( $G_{tote} = 0.05 - G_{toti} = 0.23$ ).
- Confidentialité et barrière thermique : 1 % d'ouverture homogène.
- Performances énergétiques : contribue aux économies de chauffage et de climatisation.
- Excellent filtre lumineux : 99 % de la lumière stoppée ( $TV = 1 \%$ ).
- Contribue au confort acoustique :  $\alpha_w : 0.50$ .
- 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 Greenguard Gold).
- Excellent enroulement même en grandes dimensions (largeur 250-300 cm).
- Résiste aux conditions météorologiques et milieux les plus extrêmes (IMO), résistance au chlore.

#### EXCELLENT BALANCE BETWEEN THERMAL EFFICIENCY AND VISUAL COMFORT

- Excellent thermal protection, managing up 95% of solar heat (both indoors and outdoors:  $G_{tote} = 0.05 - G_{toti} = 0.23$ ).
- Privacy and thermal protection: 1% degree of opening, throughout the entire shade.
- Energy efficiency: contributes to energy savings in heating and air conditioning.
- Highly efficient sunlight filter: blocks 99% of the sunlight ( $TV=1\%$ ).
- Contributes to acoustic comfort:  $\alpha_w: 0.50$ .
- 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.

#### ECCELLENTE COMPROMESSO TRA EFFICIENZA TERMICA E COMFORT VISIVO

- Eccellente protezione termica, gestione fino al 95% di energia solare ( $G_{tote} = 0.05 - G_{toti} = 0.23$ ).
- Privacy e isolamento termico: 1% di apertura omogenea.
- Rendimento energetico: contribuisce al risparmio energetico nel riscaldamento e nell'aria condizionata.
- Filtraggio della luce molto efficace: 99% della luce bloccata ( $TV=1\%$ ).
- Contribuisce al confort acustico:  $\alpha_w: 0.50$ .
- 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

Suitable for HP Latex



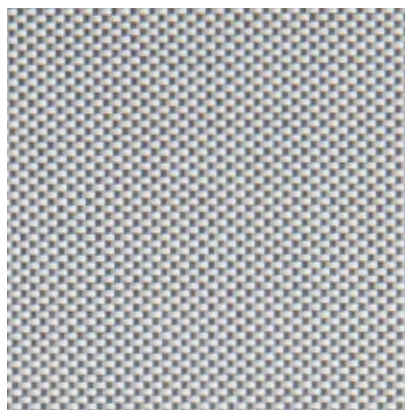
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**White**  
Ref. 16002



**White Pearl**  
Ref. 16027



**White Grey**  
Ref. 16021



**Linen**  
Ref. 16020



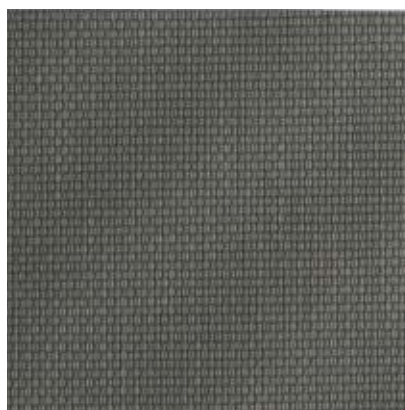
**White Linen**  
Ref. 16220



**Cinder**  
Ref. 16958



**Pebble**  
Ref. 16959



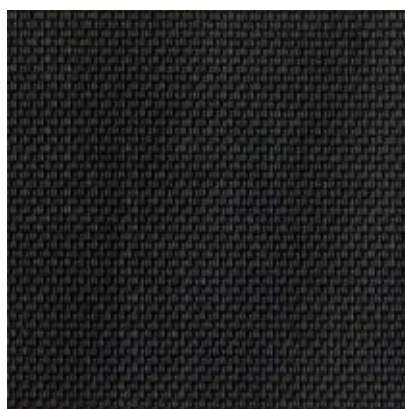
**Slate**  
Ref. 16850



**Ash**  
Ref. 16099



**Tobacco**  
Ref. 16004



**Ebony**  
Ref. 16080



TECHNICAL DATA

|                                                                                                                                               |                                                                      |                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Composición / Composition / Composition / Composizione                                                                                        | -                                                                    | 80% PVC + 20% PES                                                                                                                                                           |
| Peso / Poids / Weight / Peso                                                                                                                  | EN 12127                                                             | 508 g/m² - 14,98 oz/yd²                                                                                                                                                     |
| Espesor / Épaisseur / Thickness / Spessore                                                                                                    | EN ISO 5084                                                          | 0,65 mm - 0,025"                                                                                                                                                            |
| Ancho de rollo / Largeur rouleau<br>Roll width / Larghezza del tessuto                                                                        | -                                                                    | 250 cm - 98" / 300 cm - 118" <sup>a)</sup>                                                                                                                                  |
| Grado de apertura / Coefficient d'ouverture<br>Openess Factor / Grado di apertura (%)                                                         | -                                                                    | 1%                                                                                                                                                                          |
| Absorción acústica / Absorption acoustique<br>Sound absorption / Assorbimento acustico                                                        | EN ISO 10534:2                                                       | $\alpha_w=0,5$                                                                                                                                                              |
| Resistencia al fuego / Classement feu<br>Fire classification / Resistenza al fuoco                                                            | EN 13773<br>EN 13501-1<br>NFPA 701 - CAN/ULC-S109-3 - C.A.C Title 19 | Class 1<br>Bs3d0<br>Pass                                                                                                                                                    |
| 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                                                       | 4,8 daN - 3,7 daN                                                                                                                                                           |
| Resistencia a la ruptura / Résistance rupture<br>Tensile strength / Resistenza alla rottura (daN/5cm)                                         | EN ISO 13934-1                                                       | 177 daN - 132 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 / Si                                                                                                                                                        |

<sup>a)</sup> Ash / Ebony / Linen / White / White Grey / White Linen / White Pearl



**PS 351 (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                     | EN52022-3 |      |      |                                |       |                                |       |                                |       |                                | EN410 - EN14500 - EN14501 |      |      |          |             |                     |                     |                      |                            |  |
|                 |                            | % Ts      | % Rs | % As | 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 |                           | % Tv | % Rv | % Tv,n-n | % Tv,n-diff | Glare Control Class | Night Privacy Class | Visual Contact Class | Daylight Utilisation Class |  |
|                 |                            |           |      |      | G <sub>TOT</sub>               | CLASS | G <sub>TOT</sub>               | CLASS | G <sub>TOT</sub>               | CLASS | G <sub>TOT</sub>               | CLASS                     |      |      |          |             |                     |                     |                      |                            |  |
| 16099           | Ash <sup>(a)</sup>         | 2         | 8    | 90   | 0,27                           | 2     | 0,04                           | 4     | 0,54                           | 0     | 0,09                           | 4                         | 2    | 8    | 2        | 0           | 3                   | 2                   | 2                    | 1                          |  |
| 16958           | Cinder                     | 11        | 42   | 47   | 0,21                           | 2     | 0,03                           | 4     | 0,43                           | 1     | 0,11                           | 3                         | 6    | 45   | 2        | 4           | 1                   | 2                   | 1                    | 1                          |  |
| 16080           | Ebony <sup>(a)</sup>       | 1         | 4    | 95   | 0,28                           | 2     | 0,04                           | 4     | 0,55                           | 0     | 0,09                           | 4                         | 1    | 4    | 1        | 0           | 4                   | 2                   | 2                    | 0                          |  |
| 16020           | Linen <sup>(a)</sup>       | 21        | 57   | 22   | 0,16                           | 2     | 0,03                           | 4     | 0,39                           | 1     | 0,16                           | 2                         | 16   | 64   | 3        | 13          | 1                   | 2                   | 1                    | 2                          |  |
| 16959           | Pebble                     | 6         | 34   | 60   | 0,22                           | 2     | 0,03                           | 4     | 0,46                           | 1     | 0,10                           | 3                         | 3    | 36   | 1        | 2           | 4                   | 2                   | 2                    | 1                          |  |
| 16850           | Slate                      | 3         | 13   | 84   | 0,26                           | 2     | 0,04                           | 4     | 0,53                           | 0     | 0,09                           | 4                         | 2    | 14   | 2        | 0,3         | 3                   | 2                   | 2                    | 0                          |  |
| 16004           | Tobacco                    | 2         | 5    | 93   | 0,28                           | 2     | 0,04                           | 4     | 0,49                           | 1     | 0,10                           | 3                         | 2    | 5    | 2        | 0           | 3                   | 2                   | 2                    | 1                          |  |
| 16002           | White <sup>(a)</sup>       | 16        | 73   | 11   | 0,12                           | 3     | 0,02                           | 4     | 0,33                           | 2     | 0,12                           | 3                         | 13   | 83   | 2        | 11          | 1                   | 2                   | 1                    | 2                          |  |
| 16021           | White Grey <sup>(a)</sup>  | 8         | 41   | 51   | 0,20                           | 2     | 0,04                           | 4     | 0,39                           | 1     | 0,10                           | 3                         | 7    | 47   | 3        | 4           | 2                   | 2                   | 2                    | 1                          |  |
| 16220           | White Linen <sup>(a)</sup> | 17        | 66   | 17   | 0,14                           | 3     | 0,02                           | 4     | 0,36                           | 1     | 0,13                           | 3                         | 13   | 75   | 2        | 11          | 1                   | 2                   | 1                    | 2                          |  |
| 16027           | White Pearl <sup>(a)</sup> | 13        | 60   | 27   | 0,15                           | 2     | 0,02                           | 4     | 0,44                           | 1     | 0,11                           | 3                         | 10   | 69   | 2        | 8           | 2                   | 2                   | 1                    | 1                          |  |

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.