

# Bosco

Colores  
Colours



White



Natural

| Medida nominal (cm)<br>Nominal size | Espesor - E (mm)<br>Thickness E | Tipología<br>Typology | Deslizamiento<br>Coefficient of friction |
|-------------------------------------|---------------------------------|-----------------------|------------------------------------------|
| 23 x 120 Matt                       | 8,0                             | Bla - GL              | CLASE 1 / R10                            |
| 23 x 120 Grip                       | 8,0                             | Bla - GL              | CLASE 3 / R11                            |
| 33 x 120 Peldaño Recto Matt         | 12,0                            | Ala - GL              | CLASE 1                                  |

V3 Variación moderada  
High degree of variation

P Porcelánico  
Porcelain

P Pavimento  
Floor tiles

R Revestimiento  
Wall tiles

\* Resistencia la helada  
Frost resistance

## CARACTERÍSTICAS TÉCNICAS TECHNICAL FEATURES

|                                                                                                                                                                                                             | ISO 13006<br>UNE-EN 14411                              | Bla     * | Bla   | Bla   | Bla  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
|  Longitud y anchura<br>Length and width                                                                                     | EN ISO 10545-2                                         | ± 0,6 % ± 2,0 mm                                                                                                                                                                                                                                                                                                                              | ± 0,6 % ± 2,0 mm                                                                                                                                                            | ± 0,6 % ± 2,0 mm                                                                                                                                                            | ± 0,5 % ± 2,0 mm                                                                        |
|  Espesor<br>Thickness                                                                                                       | EN ISO 10545-2                                         | ± 5 % ± 0,5 mm                                                                                                                                                                                                                                                                                                                                | ± 5 % ± 0,5 mm                                                                                                                                                              | ± 5 % ± 0,5 mm                                                                                                                                                              | ± 10 % ± 0,5 mm                                                                         |
|  Rectitud de lados<br>Straightness of sides                                                                               | EN ISO 10545-2                                         | ± 0,5 % ± 1,5 mm                                                                                                                                                                                                                                                                                                                              | ± 0,5 % ± 1,5 mm                                                                                                                                                            | ± 0,5 % ± 1,5 mm                                                                                                                                                            | ± 0,5 %                                                                                 |
|  Ortogonalidad<br>Rectangularity                                                                                          | EN ISO 10545-2                                         | ± 0,5 % ± 2,0 mm                                                                                                                                                                                                                                                                                                                              | ± 0,5 % ± 2,0 mm                                                                                                                                                            | ± 0,5 % ± 2,0 mm                                                                                                                                                            | ± 0,3 % ± 1,5 mm                                                                        |
|  Planitud de superficie<br>Surface flatness                                                                               | EN ISO 10545-2                                         | ± 0,5 % ± 2,0 mm                                                                                                                                                                                                                                                                                                                              | ± 0,5 % ± 2,0 mm                                                                                                                                                            | ± 0,5 % ± 2,0 mm                                                                                                                                                            | + 0,5 % ; - 0,3 %<br>+ 2 mm ; - 1,5 mm                                                  |
|  Absorción de agua<br>Water absorption                                                                                    | EN ISO 10545-3                                         | E ≤ 0,5 %<br>Max. Individual 0,6%                                                                                                                                                                                                                                                                                                             | 0,5 % ≤ E ≤ 3 %                                                                                                                                                             | 3 % < E < 6 %<br>Max. Individual 0,6%                                                                                                                                       | E > 10 %                                                                                |
|  Fuerza de rotura (N)*<br>Breaking strength *                                                                             | EN ISO 10545-4                                         | E > 7,5 mm > 1300 N<br>E < 7,5 mm > 700 N                                                                                                                                                                                                                                                                                                     | E > 7,5 mm > 1100 N<br>E < 7,5 mm > 700 N                                                                                                                                   | E > 7,5 mm > 1000 N<br>E < 7,5 mm > 600 N                                                                                                                                   | E > 7,5 mm > 600 N<br>E < 7,5 mm > 200 N                                                |
|  Resistencia a la flexión (N/mm²)<br>Modulus of rupture                                                                   | EN ISO 10545-4                                         | > 35 N/mm²<br>Min. Individual 35 N/mm²                                                                                                                                                                                                                                                                                                        | > 35 N/mm²<br>Min. Individual 27 N/mm²                                                                                                                                      | > 22 N/mm²<br>Min. Individual 20 N/mm²                                                                                                                                      | E > 7,5 > 12 N/mm²<br>E < 7,5 > 15 N/mm²                                                |
|  Resistencia a la abrasión profunda (Solo UGL)<br>Surface deep abrasion resistance (Solo UGL)                             | EN ISO 10545-6                                         | Máx. 175 mm³                                                                                                                                                                                                                                                                                                                                  | Máx. 175 mm³                                                                                                                                                                | Máx. 345 mm³                                                                                                                                                                | No aplica<br>Not apply                                                                  |
|  Resistencia a la abrasión superficial (Solo GL)<br>Surface abrasion resistance (Solo GL)                                 | EN ISO 10545-7                                         | Valor declarado<br>Declared value                                                                                                                                                                                                                                                                                                             | Valor declarado<br>Declared value                                                                                                                                           | Valor declarado<br>Declared value                                                                                                                                           | No aplica<br>Not apply                                                                  |
|  Coeficiente de dilatación térmica lineal (1/k)<br>Coefficient of linear thermal expansion                                | EN ISO 10545-8                                         | Valor declarado<br>Declared value                                                                                                                                                                                                                                                                                                             | Valor declarado<br>Declared value                                                                                                                                           | Valor declarado<br>Declared value                                                                                                                                           | Valor declarado<br>Declared value                                                       |
|  Resistencia al choque térmico<br>Thermal shock resistance                                                                | EN ISO 10545-9                                         | Resiste<br>Resist                                                                                                                                                                                                                                                                                                                             | Resiste<br>Resist                                                                                                                                                           | Resiste<br>Resist                                                                                                                                                           | Resiste<br>Resist                                                                       |
|  Resistencia al cuarteo<br>Crazing resistance                                                                             | EN ISO 10545-11                                        | Resiste<br>Resist                                                                                                                                                                                                                                                                                                                             | Resiste<br>Resist                                                                                                                                                           | Resiste<br>Resist                                                                                                                                                           | Resiste<br>Resist                                                                       |
|  Resistencia a la helada<br>Frost resistance                                                                              | EN ISO 10545-12                                        | Resiste<br>Resist                                                                                                                                                                                                                                                                                                                             | No resiste<br>Not resist                                                                                                                                                    | No resiste<br>Not resist                                                                                                                                                    | No resiste<br>Not resist                                                                |
|  Deslizamiento<br>Coefficient of friction                                                                                 | UNE ENV 41901<br>DIN 51130<br>DIN 51097<br>ANSI A137.1 | Valor declarado<br>Declared value                                                                                                                                                                                                                                                                                                             | Valor declarado<br>Declared value                                                                                                                                           | Valor declarado<br>Declared value                                                                                                                                           | No aplica<br>Not apply                                                                  |
|  Resistencia a productos de limpieza y aditivos para piscina<br>Resistance to household chemicals and swimming pool salts | EN ISO 10545-4                                         | Min GB                                                                                                                                                                                                                                                                                                                                        | Min GB                                                                                                                                                                      | Min GB                                                                                                                                                                      | Min GB                                                                                  |
|  Resistencia a bajas concentraciones<br>Resistance to low concentrations                                                  | EN ISO 10545-13                                        | GLA - ULA / GLB (Pulido)<br>GLA - ULA / GLB (Polished)                                                                                                                                                                                                                                                                                        | GLA                                                                                                                                                                         | GLA                                                                                                                                                                         | GLA                                                                                     |
|  Resistencia a altas concentraciones<br>Resistance to high concentrations                                                 | EN ISO 10545-13                                        | GHA - UHA / GHB (Pulido)<br>GHA - UHA / GHB (Polished)                                                                                                                                                                                                                                                                                        | GHA                                                                                                                                                                         | GHA                                                                                                                                                                         | GHA                                                                                     |
|  Resistencia a las manchas<br>Resistance to stains                                                                        | EN ISO 10545-14                                        | > 3                                                                                                                                                                                                                                                                                                                                           | > 3                                                                                                                                                                         | > 3                                                                                                                                                                         | > 3                                                                                     |

Las características indicadas son generales por grupo de absorción, para características concretas de modelo y color solicitar la ficha técnica correspondiente. The characteristics indicated are general for each absorption group, for specific characteristics of the model and color, please request the corresponding technical data sheet.  
\* E corresponde al espesor indicado en la tabla de la esquina superior derecha. E is the thickness shown in the upper right-hand corner of table.