

# 11.4.D(2)BH

Our EPD Group 4 - Shannon Range are a selection of Ultra-thin - from just 3.5mm - yet so strong it can be laid in 3m x 1m slabs on floors, walls or as an overlay. With low embodied carbon, up to 40% pre-consumer recycled content, flexible sizes and over one hundred colours and finishes, it's time to join the surface revolution. With a LEED and product specific EPD certifications, it's a range perfectly in step with 21st century living.



## Bush-Hammered

### Properties

Carbon Offset

Chemical Resistant

Frost Resistant

Thermal Shock Resistant

More Colours Available

BREEAM

EPD GROUP 4  
SHANNON

LEED

SKA

ISO 14001

R10

PTV 36+

UPTO 60%  
Recycled Content

Pre Consumer  
Recycled Content

### Other formats available

### Other finishes available

### Sizes available

3.5mm Wall (with mesh)

5.6mm Floor / Wall / Overlay

5.6mm Floor / Wall / Overlay

6mm Floor / Wall / Overlay (with mesh)

3m  
1m

1m  
1m

3.24m  
1.62m

1.62m  
1.62m

#### MOBILE SAMPLE LIBRARY REFERENCE



Concrete Look, High Slip  
Large Format, Super Thin  
BREEAM/LEED



Facade Code: 004 Concrete Anthracite  
[www.ecofriendlyfacades.co.uk](http://www.ecofriendlyfacades.co.uk)



ECO  
FRIENDLY  
TILES®  
*The planet, covered*

[www.ecofriendlytiles.co.uk](http://www.ecofriendlytiles.co.uk)

Eco Friendly Tiles Ltd  
Ground Floor, Solon House  
40a Peterborough Road  
London  
SW6 3BN  
0844 980 2233  
[info@ecofriendlytiles.co.uk](mailto:info@ecofriendlytiles.co.uk)



---

---

---

---

This technical information sheet is not a guarantee of performance and is not a warranty, either explicit or implicit. Rather, it tries to summarize for the designer, installer or developer the technical data provided to Eco Friendly Tiles by the independent tile manufacturer. This information may not be applicable in all geographical areas. It is the responsibility of those individuals who are referring to this document to independently research and determine which tiles are suitable for a given project according to applicable British or International Standards and any governing legislative requirements. This document cannot be used as expert opinion, evidence or in any legal or administrative procedure unless authorized by Eco Friendly Tiles Ltd.

# Technical Specification

## Code: 11.4.D(2)BH



Eco Friendly Tiles Limited  
Ground Floor, Solon House  
40a Peterborough Road  
London  
SW6 3BN  
0844 980 2233  
info@ecofriendlytiles.co.uk  
[www.ecofriendlytiles.co.uk](http://www.ecofriendlytiles.co.uk)

### Certifications



| Physical & chemical properties                                  | Norm/test method        | Shannon 5.6mm                        | Shannon 6mm                          |
|---|-------------------------|--------------------------------------|--------------------------------------|
| Length & Width (1000x3000 mm)                                   | ISO 10545-2             | Max. deviation on the side +/- 0.5mm | Max. deviation on the side +/- 0.5mm |
| (1200x3000 mm)  | ISO 10545-2             | Minimum size: ≥ 1210x3050 mm         | Minimum size: ≥ 1210x3050 mm         |
| (1620x3240 mm)  | ISO 10545-2             | Minimum size: ≥ 1630x3250 mm         | Minimum size: ≥ 1630x3250 mm         |
| Difference between diagonals                                    | Factory                 | Max. +/- 1.5mm                       | Max. +/- 1.5mm                       |
| Weight  | Factory                 | Average value 14.5kg/m <sup>2</sup>  | Average value 14.9kg/m <sup>2</sup>  |
| Surface quality/% of tiles with no visible flaws                | ISO 10545-2             | > 95%                                | > 95%                                |
| Water absorption  | ISO 10545-3             | Average Value ≤ 0.1%                 | Average Value ≤ 0.1%                 |
| Breaking strength in N (samples 1000x1000mm)                    | ISO 10545-4             | Average value 1100                   | Average value 1100                   |
| Modulus of rupture in N/mm <sup>2</sup> (samples 1000x1000mm)   | ISO 10454-4             | Average value 50                     | Average value 50                     |
| Resistance to deep abrasion                                     | ISO 10545-6             | ≤ 175mm <sup>3</sup>                 | ≤ 175mm <sup>3</sup>                 |
| Coefficient of linear thermal expansion / 10 <sup>-6</sup> / 0° | ISO 10545-8             | Average value 6.6                    | Average value 6.6                    |
| Resistance to thermal shock                                     | ISO 10545-9             | Compliant                            | Compliant                            |
| Resistance to freeze-thaw                                       | ISO 10545-12            | Compliant                            | Compliant                            |
| Chemical resistance   | ISO 10545-13            | Class: from A to B                   | Class: from A to B                   |
| Stain resistance  | ISO 10545-14            | Class: from 4 to 5                   | Class: from 4 to 5                   |
| Coefficient of friction   | DIN 51130               | R10                                  | R10                                  |
|   | BS 7976-2:2002 Pendulum | PTV 36+                              | PTV 36+                              |
| Fire reaction   | EN 13501 (rev. 2005)    | A1 (decision 96/603/CE as amended)   | A2 - s1, d0                          |