

# 10.1.A

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.



## Natural

### Properties

  
Carbon Offset

  
Chemical Resistant

  
Frost Resistant

  
Thermal Shock Resistant

  
More Colours Available

  
BREEAM

  
EPD GROUP 4  
SHANNON

  
LEED

  
SKA

  
ISO 14001

  
R9

  
UPTO 40%  
Recycled Content

  
Pre Consumer  
Recycled Content

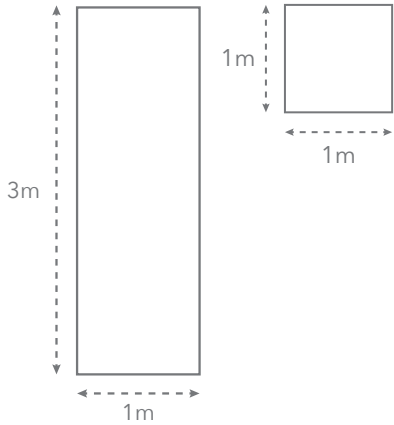
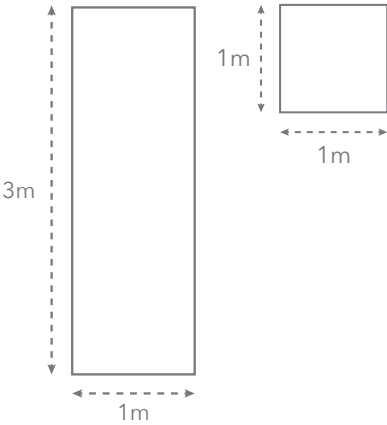
### Other formats available

### Other finishes available

### Sizes available

3.5mm †  Wall (with mesh)

5.6mm ‡  Floor / Wall / Overlay



MOBILE SAMPLE LIBRARY REFERENCE  
 Metallic Look  
BREEAM/LEED



ECO FRIENDLY FACADES  
Facade Code: 005 Oxide White  
[www.ecofriendlyfacades.co.uk](http://www.ecofriendlyfacades.co.uk)



ECO FRIENDLY  
TILES®  
*The planet, covered*

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

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# Technical Specification

## Code: 10.1.A



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### Certifications



Physical & chemical properties	Norm/test method	Shannon 3.5mm	Shannon 5.6mm
Straightness of sides	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
(1620x3240 mm)	ISO 10545-2	-	Minimum size: ≥ 1630x3250 mm
Difference between diagonals	Factory	Max. +/- 1.5mm	Max. +/- 1.5mm
Weight	Factory	Average value 8.2kg/m <sup>2</sup>	Average value 14.5kg/m <sup>2</sup>
Surface quality/% of tiles with no visible flaws	ISO 10545-2	> 95%	> 95%
Water absorption	ISO 10545-3 / ASTM C373	Average value 0.1%	Average Value ≤ 0.1%
Breaking strength in N (samples 200x300mm)	ISO 10545-4	Average value 700	Average value 1100
Modulus of rupture in N/mm <sup>2</sup> (samples 200x300mm)	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 <sup>c</sup>	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	R9	R9
	BS 7976-2:2002 Pendulum	-	-
Fire reaction	EN 13501 (rev. 2005)	A2 - s1, d0	A1 (decision 96/603/CE as amended)