

# 11.3.E(2)

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

PTV 36+

UP TO 20%  
Recycled Content

Pre Consumer  
Recycled Content

### Other formats available

### Other finishes available

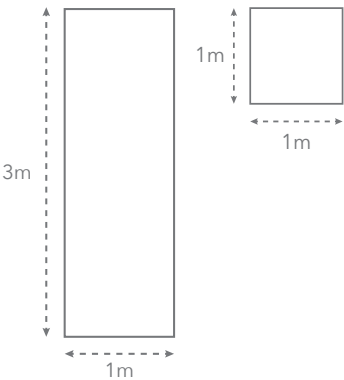


Polished

### Sizes available

3.5mm Wall (with mesh)

5.6mm Floor / Wall / Overlay



#### MOBILE SAMPLE LIBRARY REFERENCE



Marble Look  
Large Format, Super Thin  
BREEAM/LEED



ECO FRIENDLY FACADES  
Facade Code: 029 Calacutta Marble  
[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

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# Technical Specification

## Code: 11.3.E(2)



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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
Difference between diagonals	Factory	Max. +/- 1.5mm	Minimum size: ≥ 1210x3050 mm
Weight	Factory	Average value 8.2kg/m <sup>2</sup>	Minimum size: ≥ 1630x3250 mm
Surface quality/% of tiles with no visible flaws	ISO 10545-2	> 95%	Max. +/- 1.5mm
Water absorption	ISO 10545-3 / ASTM C373	Average value 0.1%	Average value 14.5kg/m <sup>2</sup>
Breaking strength in N (samples 200x300mm)	ISO 10545-4	Average value 700	> 95%
Modulus of rupture in N/mm <sup>2</sup> (samples 200x300mm)	ISO 10454-4	Average value 50	Average Value ≤ 0.1%
Resistance to deep abrasion	ISO 10545-6	≤ 175mm <sup>3</sup>	Average value 1100
Coefficient of linear thermal expansion / 10 <sup>-6</sup> / 0°	ISO 10545-8	Average value 6.6	Average value 50
Resistance to thermal shock	ISO 10545-9	Compliant	≤ 175mm <sup>3</sup>
Resistance to freeze-thaw	ISO 10545-12	Compliant	Average value 6.6
Chemical resistance	ISO 10545-13	Class: from A to B	Compliant
Stain resistance	ISO 10545-14	Class: from 4 to 5	Compliant
Coefficient of friction	DIN 51130	R9	Class: from A to B
	BS 7976-2:2002 Pendulum	PTV 36+	Class: from 4 to 5
Fire reaction	EN 13501 (rev. 2005)	A2 - s1, d0	R9
			-
			A1 (decision 96/603/CE as amended)