

VS.109S

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 60% 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.



Slate

Properties

Carbon Offset

Chemical Resistant

Frost Resistant

Thermal Shock Resistant

More Colours Available

BREEAM

EPD GROUP 4
SHANNON

LEED

SKA

ISO 14001

Other formats available

Other finishes available

Sizes available

- 5.6mm  Floor / Wall / Overlay
- 6mm  Floor / Wall / Overlay (with mesh)



MOBILE SAMPLE LIBRARY REFERENCE



Slate Look
Large Format
BREEAM/LEED



ECO FRIENDLY FACADES

Facade Code: 165 White Slate
www.ecofriendlyfacades.co.uk



ECO FRIENDLY TILES®

The planet, covered

www.ecofriendlytiles.co.uk

Eco Friendly Tiles Ltd
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Technical Specification

Code: VS.109S



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Certifications



| Physical & chemical properties | Norm/test method | Shannon 3.5mm |
|---|-------------------------|--------------------------------------|
| Length & Width (1000x3000 mm) | ISO 10545-2 | Max. deviation on the side +/- 0.5mm |
| (1200x3000 mm) | ISO 10545-2 | - |
| (1620x3240 mm) | ISO 10545-2 | - |
| Difference between diagonals | Factory | Max. +/- 1.5mm |
| Weight | Factory | Average value 8.2kg/m ² |
| Surface quality/% of tiles with no visible flaws | ISO 10545-2 | > 95% |
| Water absorption | ISO 10545-3 / ASTM C373 | Average value 0.1% |
| Breaking strength in N (samples 200x300mm) | ISO 10545-4 | Average value 700 |
| Modulus of rupture in N/mm ² (samples 200x300mm) | ISO 10454-4 | Average value 50 |
| Resistance to deep abrasion | ISO 10545-6 | ≤ 175mm ³ |
| Coefficient of linear thermal expansion / 10 ⁻⁶ / 0 ^c | ISO 10545-8 | Average value 6.6 |
| Resistance to thermal shock | ISO 10545-9 | Compliant |
| Resistance to freeze-thaw | ISO 10545-12 | Compliant |
| Chemical resistance | ISO 10545-13 | Class: from A to B |
| Stain resistance | ISO 10545-14 | Class: from 4 to 5 |
| Coefficient of friction | DIN 51130 | - |
| | BS 7976-2:2002 Pendulum | - |
| Fire reaction | EN 13501 (rev. 2005) | A2 - s1, d0 |
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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.