


# 5.4.E(2) - Product Sheet

Previously VT.227



MOBILE SAMPLE LIBRARY REFERENCE





Concrete Look  
High Slip  
Lights & Brights


Large Format


## Natural


### Properties


  
Carbon Offset


  
Chemical Resistant


  
Frost Resistant


  
Thermal Shock Resistant


  
EMAS

  
More colours available

  
EPD

  
20%

  
R10

  
PTV 36+

### Other formats available


  
Decor

### Other finishes available

  
Grip


### Sizes available

120cm




60cm

120cm




20cm

90cm




45cm

60cm



60cm

60cm



30cm

### Thickness available

10mm 

9mm 

<http://www.ecofriendlytiles.co.uk>



ECO FRIENDLY  
TILES®  
*The planet, covered*

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# Technical Specification

## Code: 5.4.E(2)



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Physical & Chemical Properties	Norm/Test Method	Required Standard	Results
Water Absorption	ISO 10545-3	≤ 0.5%	0.05%
Length & Width	ISO 10545-2	± 0.6% / ±2.0mm	Compliant
Thickness	ISO 10545-2	± 5% / ±0.5mm	Compliant
Linearity	ISO 10545-2	± 0.5% / ±1.5mm	Compliant
Rectangularity	ISO 10545-2	± 0.5% / ±2.0mm	Compliant
Surface Flatness	ISO 10545-2	± 0.5% / ±2.0mm	Compliant
Flexion Resistance	ISO 10545-4	≥ 35 N/mm <sup>2</sup>	44.3N/m <sup>2</sup>
Breaking Strength	ISO 10545-4	Thickness ≥ 7.5mm: 1300min	Compliant
Resistance to Surface Abrasion	ISO 10545-7	State the PEI rate and covered cycles	Class 4 (6000 Rotations)
Frost Resistance	ISO 10545-12	No evidence of surface change	Frost Resistant
Chemical Resistance (Acid and Alkali low concentrates)	ISO 10545-13	According to the classification stated by the manufacturer	GLA Class
Chemical Resistance (Domestic use and swimming pool chemicals)	ISO 10545-13	Min. GB	Compliant
Stain Resistance	ISO 10545-14	Min. Class 3	Class 5
Coefficient of Friction	B.C.R.A Method		Dry: > 0.40 Wet: > 0.40
Dynamic Coefficient of Friction	DCOP ANSI A137 - 1:2012		Matte Wet: 0.66
Antislip Properties	DIN 51130		Matte: R10
	DIN 51130		Outdoor: R11
	DIN 51097		Outdoor: A+B+C

### Certifications



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