

# Technical Specification

## Code: 3.2.C(2)



Eco Friendly Tiles Ltd  
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)

Physical & Chemical Properties	Norm/Test Method	Required Standard	Results
Water Absorption	ISO 10545-3	≤ 0.5%	0.04%
Length & Width	ISO 10545-2	± 0.6%	± 0.2%
Thickness	ISO 10545-2	± 5%	± 5%
Linearity	ISO 10545-2	± 0.5%	± 0.2%
Wedging	ISO 10545-2	± 0.6%	± 0.2%
Warpage	ISO 10545-2	± 0.5%	± 0.2%
Flexion Resistance	ISO 10545-4	≥ 35 N/mm <sup>2</sup>	51.1N/m <sup>2</sup>
Deep Abrasion Resistance	ISO 10545-6	Max 175 mm <sup>3</sup>	126 mm <sup>3</sup>
Frost Resistance	ISO 10545-12	No evidence of surface change	Frost Resistant
Coefficient of Linear Thermal Expansion	ISO 10545-8	≤ 9x10 <sup>-6</sup> °C <sup>-1</sup>	≤ 6.2x10 <sup>-6</sup> °C <sup>-1</sup>
Thermal Shock Resistance	ISO 10545-9	No visible defects shown	Resistant
Colour Stability	DIN 51094	No noticeable colour variation	Resistant
Chemical Resistance	ISO 10545-13	No noticeable signs of chemical attack	Resistant
Coefficient of Friction	ASTM C 1028	≥ 0.60	Please ask for individual reports
	DIN 51130	-	R10

### 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 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.