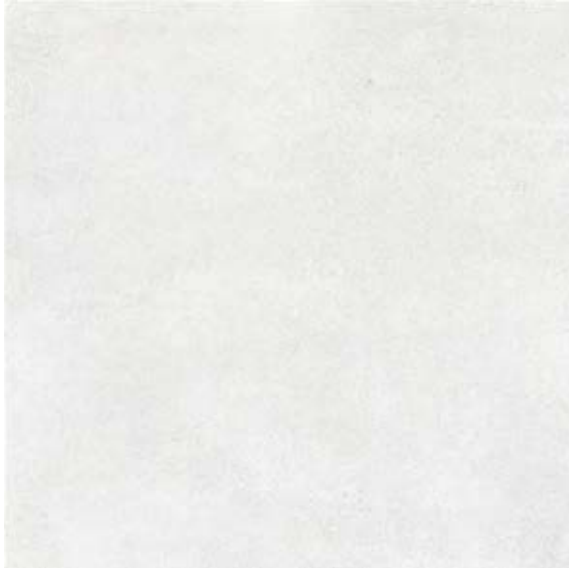


# VT.438

Our Cascade Range for Floor & Wall comes in hundreds of different designs, colours, slip ratings and finishes. Much of the range is accredited to rigorous eco-friendly standards (including LEED/BREEAM etc) to help specifiers meet the sustainability goals of their clients.

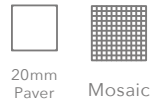


## Natural

### Properties



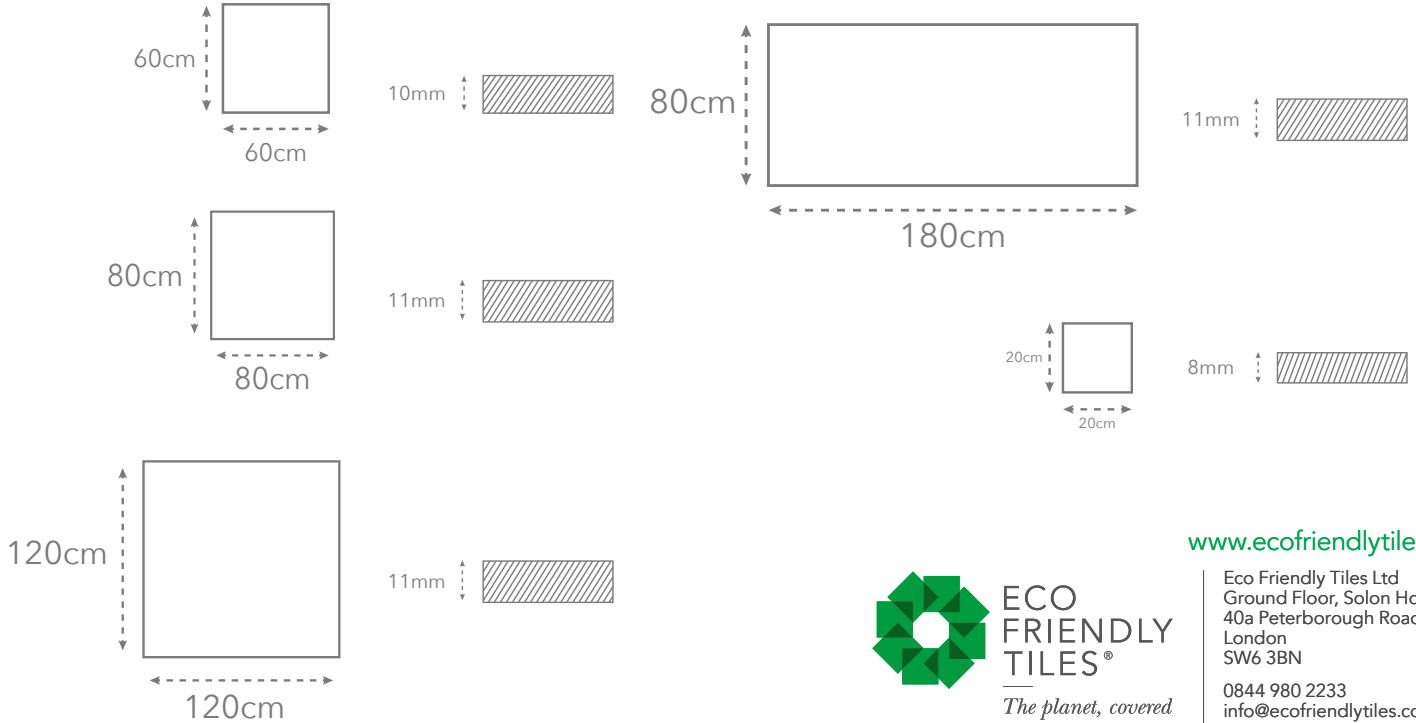
### Other formats available



### Other finishes available



### Sizes available



MOBILE SAMPLE LIBRARY REFERENCE



Porcelain  
Concrete



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

Eco Friendly Tiles Ltd  
Ground Floor, Solon House  
40a Peterborough Road  
London  
SW6 3BN

0844 980 2233  
info@ecofriendlytiles.co.uk

# Accents

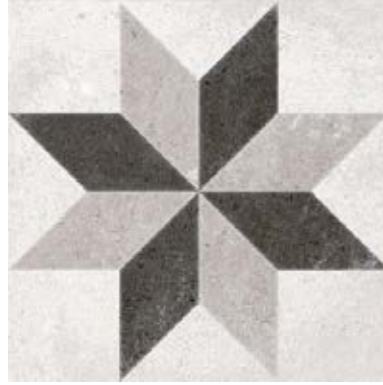
Product Codes EE.571 to EE.584 are 20x20cm, 8mm thick porcelain tiles that can be used on their own or as an accent to match product codes VT.438 to VT.441 20x20cm, 8mm styles. As pictured below they are available as a box of an individual design or a random mixed set. Please reference the product code associated with the tile below and our Eco Friendly Tiles member will happily provide you with a product sheet and larger in-situ images.



**EE.571**  
20x20cm



**EE.572**  
20x20cm



**EE.573**  
20x20cm



**EE.574**  
20x20cm



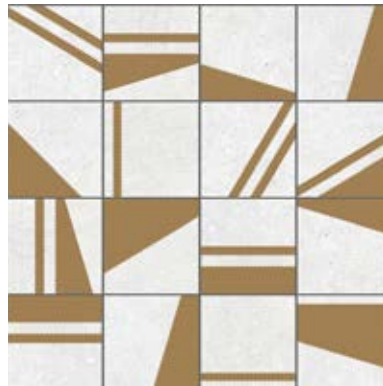
**EE.575**  
20x20cm



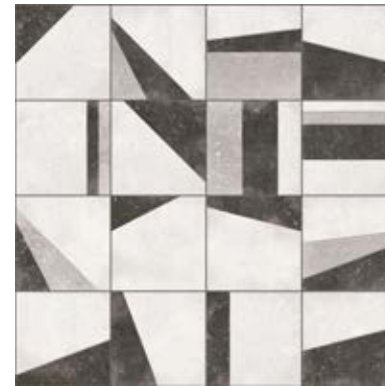
**EE.576**  
20x20cm  
\*These packs come in a box of 25 with a mixture of these 16 designs.



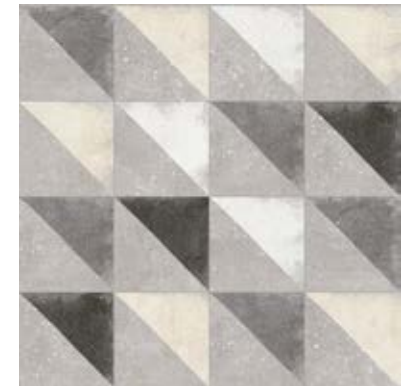
**EE.577**  
20x20cm  
\*These packs come in a box of 25 with a mixture of these 16 designs.



**EE.578**  
20x20cm  
\*These packs come in a box of 25 with a mixture of these 10 designs.



**EE.583**  
20x20cm  
\*These packs come in a box of 25 with a mixture of these 16 tiles.



**EE.584**  
20x20cm  
\*These packs come in a box of 25 with a mixture of these 4 tiles.

\*\* Please note our exclusive range is not available online. Please contact an Eco Friendly Tiles team member and quote the product code associated with the tile above so we can provide you with a product sheet and larger in-situ images.

# Technical Specification

## Code: VT.438



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Physical & chemical properties	Norm/test method	Required Standard	Results
Thickness	EN ISO 10545-2	± 5.0% / ± 0.5mm	Conforms
Straightness of sides	IEN ISO 10545-2	± 0.5% / ± 1.5mm	Conforms
Rectangularity	EN ISO 10545-2	± 0.6% / ± 2.0mm	Conforms
Warpage	EN ISO 10545-2	± 0.5% / ± 2.0mm	Conforms
Water absorption	EN ISO 10545-3	≤ 0.5%	≤ 0.05%
Flexion Resistance	EN ISO 10545-4	AR ≥ 35 N/mm <sup>2</sup>	≥ 35 N/mm <sup>2</sup>
Abrasion Resistance	IEN ISO 10545-7	-	4
Coefficient of Linear Thermal Expansion	EN ISO 10545-8	-	< 9*10 <sup>-6</sup> °C
Resistance to Thermal Shocks	EN ISO 10545-9	-	Stands the test
Frost Resistance	EN ISO 10545-12	-	Stands the test
Resistance to Chemicals	EN ISO 10545-13	UB Min.	Class A
Resistance to Stains	EN ISO 10545-14	Declared Value	Minimum Class 4
Slip Resistance	DIN 51130	-	R10/11
	BS-7976-2:2002 Pedulum	-	PTV 36+

### 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.