



## ENCAUSTIC CEMENT TILE TECHNICAL DATA

Test Date: 13/06/2016

Test Lab: Elabora - 6587 - 11463 (ISO 14001, 9001 Certified)

Tile Dimension: Length - 200mm    Width - 200mm    Thickness - 15mm

Weight: 1.15kg

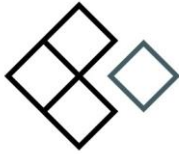
### Tile Dimensions (UNE-EN ISO 10545-2-98)

Tile No.	1	2	3	4	5	6	7	8	9	10
Length (mm)	200	200	200	200	200	200	200	200	200	200
Average Tile Length	200									
Width (mm)	200	200	200	200	200	200	200	200	200	200
Average Tile Width	200									
Length Deviation (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Width Deviation (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thickness (mm)	14.8	15.6	14.6	15	15.1	15.4	14.9	14.9	14.9	14.9
	15.5	14.3	15.4	15.3	14.7	14.5	15.2	14.8	15.0	15.4
	14.6	14.6	14.8	14.7	14.8	14.9	15.6	15.5	15.0	14.6
	14.9	15.0	14.8	14.8	14.9	15.0	14.8	14.6	14.5	14.9
Average Tile Thickness	15.0	14.9	14.9	15.0	14.9	15.0	15.1	15.0	15.0	15.0
Thickness Deviation (%)	0.0	-0.7	-0.7	0.0	-0.7	0.0	0.7	0.0	0.0	0.0

### Water Absorption (UNE-EN ISO 10545-3-97)

Tile No.	1	2	3	4	5
Dry Mass (g)	597.3	592.8	510.7	523.5	514.7
Wet Mass (g)	635.9	619.6	546.3	560.4	550.5
Water Absorption Coeff. (%)	6.5	4.5	7.0	7.0	7.0
Average Coeff. (%)	6.4				

Terrazzo Tiles  
 14 Englands Lane - London - NW3 4TG  
 +44 (0) 207 485 7227 - sales@terrazzo-tiles.co.uk



# TERRAZZOTILES

## Flexion Resistance and Break Load (UNE-EN ISO 10545-4-97)

Tile No.	1	2	3	4	5	6	7	8	9	11
Break Load, F (N)	664	753	646	904	718	686	617	662	764	580
Average Break Load (N)	717									
Break Strength, S (N)	598	678	581	814	646	617	555	596	688	522
Average Break Strength (N)	630									
Flexion Resistance (R (N/mm <sup>2</sup> ))	4.6	5.3	4.5	6.2	5.2	4.7	4.1	4.6	5.5	4.2
Average Flex. Resistance (R (N/mm <sup>2</sup> ))	4.9									

NB: Support Distance (mm): 180

## Chemical Resistance (UNE-EN ISO 10545-13-98)

Tile No.	1	2	3	4	5
Solution 4.1 & 4.2	UA	UA	UA	UA	UA
Solution 4.3.1	ULB	ULB	ULB	ULB	ULB
Solution 4.3.2	UHC	UHC	UHC	UHC	UCC
UA, ULA and UHA					

## Abrasion Resistance (Wide Wheel Abrasion Test)

Tile No.	1	2	3
Average Distance	29.1	28.4	26.5
Average Value	28.0		

## Slip Resistance (UNE EN 12633)

Tile No.	1	2	3	4	5
Individual USRV Value	50	55	55	50	55
Average USRV Value	53				

Terrazzo Tiles  
14 Englands Lane - London - NW3 4TG  
+44 (0) 207 485 7227 - sales@terrazzo-tiles.co.uk