



# Zellige Technical Data Sheet

Test Date: 16.11.2015

Test Lab: Elabora - 12679 - 10022 (ISO 14001, 9001 Certified)

Tile Dimension: Length - 100mm Width - 100mm Thickness - 12.5mm

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

Tile No.	1	2	3	4	5	6	7	8	9	10
Length (mm)	100.12	100.65	99.65	100.12	100.10	100.36	98.95	100.06	100.23	100.42
Average Tile Length	100									
Width (mm)	100.51	100.23	100.20	100.16	100.40	100.12	100.52	100.32	100.07	99.89
Average Tile Width	100									
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)	12.65	12.43	12.48	12.65	12.45	12.53	12.59	12.58	12.54	12.6
	12.48	12.25	12.5	12.6	12.65	12.7	12.65	12.5	12.58	12.58
	12.36	12.54	12.54	12.57	12.58	12.65	12.45	12.6	12.58	12.77
	12.41	12.67	12.55	12.64	12.43	12.53	12.59	12.63	12.63	12.63
Average Tile Thickness	12.5	12.5	12.5	12.6	12.6	12.6	12.6	12.6	12.6	12.6
Thickness Deviation (%)	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8

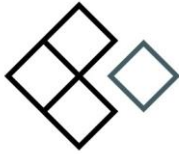
## Water Absorption (UNE-EN ISO 10545-3-97)

Tile No.	1	2	3	4	5
Dry Mass (g)	186	187	183	182	184
Wet Mass (g)	212	213	213	215	214
Water Absorption Coeff. (%)	14.0	13.9	16.4	18.1	16.3
Average Coeff. (%)	15.7				

### **Terrazzo Tiles**

**14 Englands Lane - London - NW3 4TG**

**+44 (0) 207 485 7227 - sales@terrazzo-tiles.co.uk**



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

Tile No.	1	2	3	4	5	6	7	8	9	10
Break Load, F (N)	265	301	245	236	241	243	267	250	268	270
Average Break Load (N)	267									
Break Strength, S (N)	212	241	196	189	193	194	214	200	214	216
Average Break Strength (N)	207									
Flexion Resistance (R (N/mm <sup>2</sup> ))	2.0	2.3	1.9	1.8	1.8	1.8	2.0	1.9	2.0	2.0
Average Flex. Resistance (R (N/mm <sup>2</sup> ))	2.0									

NB: Support Distance (mm): 80

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

Tile No.	1	2	3	4	5
Solution 4.1 & 4.2	GA	GA	GA	GA	GA
Solution 4.3.1	GLA	GLA	GLA	GLA	GLA
Solution 4.3.2	GHA	GHA	GHA	GHA	GHA
UA, ULA and UHA	No Visible Effects				

## Stain Resistance (UNE-EN ISO 1545-14-98)

Tile No.	1	2	3	4	5
Procedure A	Eliminated	Eliminated	Eliminated	Eliminated	Eliminated
Procedure B	-	-	-	-	-
Procedure C	-	-	-	-	-
Procedure D	-	-	-	-	-

NB: Green stain in light oil (Cr203)

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