



TECHNICAL DATA SHEET  
TERRAZZO COMPAC™

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According to EN-15285, EN-15286, ASTM.

TECHNICAL CHARACTERISTICS				
TEST / STANDARD	UNITS / DETERMINATION	RESULTS		
		MICRO	CLASSIC HPS	PETRA HPS
<b>Fire reaction</b> UNE EN 13501-1	Euroclasses	A2fl s1		
<b>Thermal conductivity</b> EN 10456	W/m·K	3,2		
<b>Thermal expansion coefficient</b> UNE EN 14617-11	°C <sup>-1</sup>	0,8 - 1,1·10 <sup>-5</sup>	7,8·10 <sup>-6</sup>	1,2·10 <sup>-5</sup>
<b>Flexural strength</b> UNE EN 14617-2	MPa	30,6 - 34,9	13,9 - 17,3	31,3 - 46,6
<b>Impact resistance</b> UNE EN 14617-9	J	2,58 - 2,95	5,1 - 5,66	5,17 - 7,63
<b>Slip resistance</b> UNE EN 14231	UNE EN 14231 USRV	Polish: 5 wet / 50 dry   Glacé: 16 wet / 52 dry Bush hammered: 80 wet / 86 dry		
	DIN 51097 Class	Lineal, Sierra, Dune: Class C		
	DIN 51130 Class	Lineal: R11   Sierra: R10   Dune: R10		
<b>Abrasion resistance</b> UNE EN 14617-4	mm	32,5 - 38,5		
<b>Abrasion resistance</b> UNE EN 14617-1	%	0,02 - 0,06 W <sub>4</sub>		
<b>Apparent density</b> UNE EN 14617-1	kg/m <sup>3</sup>	2662	2425	2262

All the data collected in this document are based on test carried out in external and independent laboratories.

TECHNICAL CHARACTERISTICS				
TEST / STANDARD	UNITS / DETERMINATION	RESULTS		
		MICRO	CLASSIC HPS	PETRA HPS
<b>Chemical resistance</b> UNE EN 14617-10	-	To alkalis: C4 (Material keeps at least 80% of their resistance reference value after 8 hours of basis attack). To acids: C2 (Material keeps at least 60% of their resistance reference value after 8 hours of acid attack).		
<b>Surface hardness</b> EN 101:1991	Mohs	3 - 5		
<b>Thermal shock resistance</b> ASTM C484	5 cycles	No visible defects		
<b>Breaking strength</b> ASTM C648	lbf	5963	7819	8818
<b>Resistance to staining</b> ASTM C1378	Contrasting grout	Not affected	Not affected	Not affected
	Black carbon lamp	Not affected	Not affected	Not affected
	Waterproof black ink	Affected	Affected	Not affected
	Washable ink	Affected	Affected	Not affected
	Potassium permanganate sol 1% (v/v)	Affected	Not affected	Not affected
	Methylene blue solution 1% (v/v)	Not affected	Affected	Affected

The values shown on this data sheet are typical values and not vinculant. For further information, please contact our technical department.

**Micro:** Micro Teide™, Micro Thassos™, Micro Nacarado™, Micro Marfil™, Micro Bering™.

**Classic HPS:** Classic Pearl™, Classic Montblanc™, Classic Aluminum™, Classic Basalt™.

**Petra HPS:** Petra Titanium™, Petra Bosco™, Petra Nublo™, Petra Lioz™, Petra Estremoz™, Petra Botticino™.



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