

TECHNICAL DATA SHEET

OBSIDIANA COMPAC

PRODUCT DESCRIPTION Agglomerated stone made with 100% recycled glass and mirror (>90%), polyester resin and additives.
Crystalline Silica content 0%.

TECHNICAL CHARACTERISTICS			
PROPERTY	TEST STANDARD	UNITS	RESULTS
Fire reaction (Euroclases)	UNE EN 13501-1	Euroclases	A2fl s1
Thermal expansion coefficient	UNE EN 14617-11	°C ⁻¹	1,2 - 1,5·10 ⁻⁵
Flexural resistance	UNE EN 14617-2	MPa	40 - 60
Thermal shock resistance	UNE EN 14617-6	%	ΔRf,20 = 4 - 13% Δm < -0,02 %
Impact resistance	UNE EN 14617-9	J	min 2,8 (12 mm) min 5,5 (20 mm)
Slip resistance	UNE EN 14231	USRV	Polish: 9 wet/ 40 dry Glacé: 13 wet/ 44 dry
Abrasion resistance	UNE EN 14617-4	mm	30 - 33
Water absorption	UNE EN 14617-1	%	0,04 - 0,06
Apparent density	UNE EN 14617-1	kg/m ³	2250 - 2300
Chemical resistance	UNE EN 14617-10	-	To alkalis: C4 (Material keeps at least 80% of their resistance reference value after 8 hours). To acids: C4 (Material keeps at least 80% of their resistance reference value after 8 hours).
Surface hardness	EN 101:1991	Mohs	6

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