

TECHNICAL DATA SHEET

2017/09 COMPAC TECHNOLOGICAL QUARTZ

CHARACTERISTIC	TEST METHOD	UNITS	TYPICAL VALUES											
			1	2	3	4	5	6	7	8	9			
FIRE REACTION (EUROCLASSES)	UNE EN 13501-1:2007+A1:2010 Fire classification of construction products and building elements-Part 1: Classification using data from reaction to fire test	Euroclases			A2fls1						Bfls1			
LINEAR THERMAL EXPANSION COEFFICIENT	UNE EN 14617-11:2006 Agglomerated stone test methods -Part 11: Determination of thermal expansion coefficient	°C ₋₁				1,80	2,50	*10 ⁻⁵				3,0	5,0	*10 ⁻⁵
FLEXURAL STRENGTH	UNE EN 14617-2:2016 Agglomerated stone test methods -Part 2: Determination of flexural strength	Mpa	> 50	> 35	> 50	> 55	> 45	> 35	> 65	> 75	> 70			
IMPACT RESISTANCE	UNE EN 14617-9:2005 Agglomerated stone test methods -Part 9: Determination of impact resistance	J	6	3	7	3,5	8	4,5	10	> 13				
SLIP RESISTANCE	UNE EN 14231:2004 Natural stone test methods -Determination of the slip resistance by means of the pendulum tester	USRV	polished finish: 6 wet / 37 dry			Glace finish: 9 wet / 45 dry			Concrete finish: 16 wet / 50 dry					
WATER ABSORPTION	UNE EN 14617-1:2013 Agglomerated stone test methods -Part 1: Determination of apparent density and water absorption	%				0,04 - 0,07								
APPARENT DENSITY	UNE EN 14617-1:2013 Agglomerated stone test methods -Part 1: Determination of apparent density and water absorption	kg / m ³				2300 - 2450			2050 - 2150 2200 - 2300					
ABRASION RESISTANCE	UNE EN 14617-4:2012 Agglomerated stone test methods -Part 4: Determination of the abrasion resistance	mm				26 - 29								
CHEMICAL RESISTANCE	UNE EN 14617-10:2012 Agglomerated stone test methods -Part 10: Determination of chemical resistance					C4								
SURFACE HARDNESS	EN 101:1991 Ceramic tiles. Determination of scratch hardness of surface according to Mohs					6 - 7								

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

1- Luna, Piombo, Venecia, Moon, Dune

2- Azabache, Lactea, Tiraneo

3- Ceniza, Arena, Moka, Arena, Nocturno, Dim (funcional), Warm (funcional), Cool (funcional), Land, Clay

4- Portoro*, Imperial*

5- Ice Concrete, Beige Concrete, Dark Concrete, Snow

6- White Ama, Brown Ama, Black Ama,

7 - Ice Zement, Gray Zement, Beige Zement, White Zement, Glacier, Vanille, Smoke gray, Botticino*, New Passion, Alaska, **Unique Marquina***, **Ice White**, **Ice Black**

8- Absolute Blanc, Perlino*, Carrara*, Unique Calacatta*

9- Unique Argento*, **Unique Venatino***, **Unique Arabescato***



* Raw material of vegetable origin.

