

TECHNICAL
TECHNOLOGICAL QUARTZ CARD

COMPAC
THE SURFACES COMPANY

PROPERTY	TEST METHOD	UNITS OF MEASUREMENT	TYPICAL VALUES						
			1	2	3	4	5	6	
FIRE REACTION (EUROCLASSES)	EUROCLASSES UNE-EN-ISO 9239-1:2002 and ISO 1716:2002	EUROCLASSES							
					A2fl s1				
LINEAR THERMAL EXPANSION COEFFICIENT	UNE EN 14617-1: 2006 Agglomerated stone. Determination of linear thermal expansion coefficient.	°C - 1	31,0 x 10 ⁻⁶	34,0 x 10 ⁻⁶	23,8 x 10 ⁻⁶	38,0 x 10 ⁻⁶	31,0 x 10 ⁻⁶	28,6 x 10 ⁻⁶	
FLEXURAL STRENGTH	UNE EN 14617-2: 2005 Agglomerated stone. Determination of flexural strength.	MPa	40 - 44	54	33	89	53	33	
IMPACT RESISTANCE	UNE EN 14617-9:2005. Agglomerated stone. Determination of impact resistance.	J	9 - 11	12 - 15	7	>16	>12	5	
SLIP RESISTANCE	UNE EN 14231: 2004 Tiles of natural stone for external paving. Requirements and test methods	USRV	5 wet 40-50 dry	5 wet 42 dry	7 wet 69 dry	5 wet 42 dry	7 wet 58 dry	6 wet 52 dry	
WATER ABSORPTION	UNE EN 14617-1: 2005 Agglomerated stone. Determination of water absorption	%	0,076 - 0,089	0,073 - 0,102	0,144	0,07	0,084	0,06	

The values in this data sheet are only typical values and not vinculant. For more information or test reports please contact our quality department.

1: LUNA, PLOMO, VENECIA, MOON, SNOW, ORANGE, COCO, APPLE, PASSION, FUCSIA, SILVER

2: ALASKA, GLACIAR, VANILLE, KENYA, DARK GRAY, SMOKE GRAY, WARM GRAY, DIM GRAY, COOL GRAY.

3: AZABACHE, LACTEA, RUBI, TITANEO, LAREDO, KOBUK, NOUGAT.

4: ABSOLUTE BLANC.

5: CENIZA, MOKA, ARENA.

6: ANTICO RIVER, CRYSTAL BEACH, BROWN CANYON, CARMEL MOUNTAIN.

PROPERTY	TEST METHOD	UNITS OF MEASUREMENT	TYPICAL VALUES					
			1	2	3	4	5	6
COMPRESSION RESISTANCE	UNE EN 14617-15:2005 Agglomerated stone. Determination of the compression resistance.	MPa	260	263	275	265	270	151
APPARENT DENSITY	UNE EN 14617-1: 2005 Agglomerated stone. Determination of water absorption	kg/m ³	2,400	2,300	2,266	2,102	2,409	2,460
ABRASION RESISTANCE	UNE EN 14617-4: 2005 Agglomerated stone. Determination of the abrasion resistance.	mm.	25	28,5	27,5	31,0	25,0	27,5
CHEMICAL RESISTANCE	UNE EN 14617-10: 2005 Agglomerated stone. Determination of chemical resistance	C4	C4 (material keeps at least 80% of the reflection reference value after 8 h of acid or basic attack)					
SURFACE HARDNESS	UNI EN 101 Ceramic tiles. Determination of scratch hardness of surface according to MOHS	MOHS	6-7					

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