

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/m3 | | | | 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, Titaneo

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 Argentino*, **Unique Venatino***, **Unique Arabescato***



* Raw material of vegetable origin.

