

# TECHNICAL DATA SHEET

2018/06 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 <sub>-1</sub>    |                                |     |        | 1,80                         | 2,50 | *10 <sup>-5</sup> |                                  |      |       | 3,0         | 5,0 | *10 <sup>-5</sup> |
| FLEXURAL STRENGTH                    | UNE EN 14617-2:2016 Agglomerated stone test methods -Part 2: Determination of flexural strength   | Mpa                 | > 50                           | >35 | > 50   | -                            | > 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      | -                            | 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 |     |        | Glaze 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 <sup>3</sup> |                                |     |        | 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, Plomo, Venecia, Moon, Dune, White Mirror
2. Azabache, Láctea, Titáneo
3. Ceniza, Arena, Moka, Nocturno, Functional Dim, Functional Cool, Functional Warm
4. -
5. Concrete Ice, Concrete Beige, Concrete Dark, Snow

6. Ama White , AmaBrown, Ama Black White Almond
7. Zement Ice, Zement Gray, Zement Beige, Zement White, Glacier, Vanille, Smoke Gray, Botticino\*, New Passion, Alaska, Unique Marquina™\*, Ice Black™, Ice White™
8. Absolute Blanc, Perlino\*, Carrara\*, Unique Calacatta™\*
9. Unique Argento™\*, Unique Venatino™\*, Unique Arabescato™\*

