

DATASHEET
TECHNOLOGICAL
QUARTZ

COMPAC
THE SURFACES COMPANY

| CHARACTERISTICS | TESTING METHOD | UNITS | 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 | | | | | |
| THERMAL EXPANSION COEFFICIENT | UNE EN 14617-11: 2006 Test method for agglomerated stone. Determination of 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 RESISTANCE | UNE EN 14617-2: 2005 Agglomerated stone. Test method for agglomerated stone. Determination of flexural resistance | MPa | 40 - 44 | 54 | 33 | 89 | 53 | 33 |
| IMPACT RESISTANCE | UNE EN 14617-9:2005. Test method for agglomerated stone. Determination of impact resistance | J | 9 - 11 | 12 - 15 | 7 | >16 | >12 | 5 |
| SLIP RESISTANCE | UNE EN 14231: 2004 Test method for natural stone. Determination of slip resistance using friction pendulum | 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 Test method for agglomerated stone. Determination of water absorption and apparent density | % | 0,076 - 0,089 | 0,073 - 0,102 | 0,144 | 0,07 | 0,084 | 0,06 |

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, SNOW, ORANGE, COCO, APPLE, PASSION, FUCSIA, LILA, SILVER.

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

3: AZABACHE, LACTEA, RUBI, CHEROKEE, TITANEO.

4: ABSOLUTE BLANC.

5: CENIZA, MOKA, ARENA, NOCTURNO.

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| COMPRESSION RESISTANCE | UNE EN 14617-15:2005 Test method for agglomerated stone. Determination of compression resistance | MPa | 260 | 263 | 275 | 265 | 270 | 151 |
| APPARENT DENSITY | UNE EN 14617-1: 2005 Test method for agglomerated stone. Determination of water absorption and apparent density | kg/m ³ | 2,400 | 2,300 | 2,266 | 2,102 | 2,409 | 2,460 |
| ABRASION RESISTANCE | UNE EN 14617-4: 2005 Test method for natural stone. Determination of abrasion resistance | mm. | 25 | 28,5 | 27,5 | 31,0 | 25,0 | 27,5 |
| CHEMICAL RESISTANCE | UNE EN 14617-10: 2005 Test method for agglomerated stone. Determination of chemical resistance | C4 | C4 Alkalis: Materials maintaining at least 80% of their resistance reference value after 8 hours. Surface hardness | | | | | |
| SURFACE HARDNESS | UNI EN 101 Ceramic tiles. Determination of scratch hardness of surface according to MOHS | MOHS | 6-7 | | | | | |

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