

# Technical data sheet

|                                      |                                                     |
|--------------------------------------|-----------------------------------------------------|
| Product: <b>DCHV6737</b>             | Serie: <b>Quarzit Outdoor</b>                       |
| Color: <b>grey</b>                   | Norm: <b>EN 14411:annex G, Bla</b>                  |
| Nominal size: <b>60x120 cm</b>       | Declaration: <b>T 21.01</b>                         |
| Declared size: <b>1198x598x20 mm</b> | Group of goods: <b>tile sintered GL - step tile</b> |
| Edge shaping: <b>rectified</b>       | Product type: <b>step tile</b>                      |
| Surface: <b>relief matt</b>          |                                                     |

| Technical characteristics                | Norm                  | EN 14411:annex G<br>Bla            | LB/RAKO                            |
|------------------------------------------|-----------------------|------------------------------------|------------------------------------|
| Tolerance - Length/width                 | ISO 10545-2           | ± 0.6%                             | ± 0.2%                             |
| Tolerance - Thickness                    | ISO 10545-2           | ± 5%                               | ± 5%                               |
| Tolerance - Straightness                 | ISO 10545-2           | ± 0.5%                             | ± 0.1%                             |
| Tolerance - Rectangularity               | ISO 10545-2           | ± 0.6%                             | ± 0.2%                             |
| Tolerance - Surface flatness             | ISO 10545-2           | ± 0.5%                             | ± 0.25%                            |
| Surface quality                          | ISO 10545-2           | Min. 95%                           | Min. 95%                           |
| Water absorption                         | ISO 10545-3           | E<0.5%,ind.max 0,6%                | E<0.3%,ind.max 0,4%                |
| Breaking strength                        | ISO 10545-4           | Min. 1300 N                        | >=11000 N                          |
| Modulus of rupture                       | ISO 10545-4           | Min. 35 N/mm2<br>Ind.min. 32 N/mm2 | Min. 35 N/mm2<br>Ind.min. 32 N/mm2 |
| Resistance to deep abrasion (UGL)        | ISO 10545-6           | Not required                       | Not tested                         |
| Resistance to surface abrasion (GL)      | ISO 10545-7           | Declared value                     | PEI 5                              |
| Coefficient of linear thermal expansion  | ISO 10545-8           | Declared value                     | Max. 0,000008 / K                  |
| Thermal shock resistance                 | ISO 10545-9           | Required                           | Resistant                          |
| Crazing resistance                       | ISO 10545-11          | Required                           | Resistant                          |
| Freeze-thaw resistance                   | ISO 10545-12          | Declared value                     | resistant                          |
| Durability for: internal use             | EN 14411              | Pass                               | Pass                               |
| Slipperiness (bare feet)                 | EN 16165              | Declared value                     | B                                  |
| Slipperiness (shod feet)                 | EN 16165              | Declared value                     | R11                                |
| Coefficient of friction (dry)            | EN 16165              | Declared value                     | >=0,7                              |
| Coefficient of friction (wet)            | EN 16165              | Declared value                     | >=0,6                              |
| Discharge volume                         | DIN 51 097            | Declared value                     | not relevant                       |
| Bond strength/adhesion-cem. adhesives    | EN 12004:2007+A1:2012 | Declared value                     | >=1,0 N/mm2                        |
| Bond strength/adhesion-dispers. adhesiv. | EN 12004:2007+A1:2012 | Declared value                     | NPD*                               |
| Bond strength/adhesion-rea. resin adhes. | EN 12004:2007+A1:2012 | Declared value                     | NPD*                               |
| Bond strength/adhesion-mortar            | EN 12004:2007+A1:2012 | Declared value                     | NPD*                               |
| Moisture expansion                       | ISO 10545-10          | Declared value                     | 0,2 mm/m                           |
| Light reflectance value LRV              | ISO 10545-18          | Not required                       |                                    |
| Impact resistance: Coef. of restit.      | ISO 10545-5           | Declared value                     | Min. 0,6                           |
| Reaction to fire                         | no testing 96/603 EHS | Class A1-A1FL                      | Class A1-A1FL                      |
| Tactility                                | CEN/TS 15209          | Declare<br>surface description     | not relevant                       |
| Resistance to staining                   | ISO 10545-14          | Min. 3                             | Min. 3                             |
| Resistance to low conc.of acids/alkalis  | ISO 10545-13          | Declared value                     | A                                  |
| Resistance to high conc.of acids/alkalis | ISO 10545-13          | Declared value                     | B                                  |
| Resist. to house. chem. and swim. pool   | ISO 10545-13          | Min. B                             | A                                  |
| Release of dang.subs.: Cadmium (GL)      | ISO 10545-15          | Declared value                     | NPD*                               |
| Release of dang.subs.: Lead (GL)         | ISO 10545-15          | Declared value                     | NPD*                               |
| Surface hardness according to Mohs       | EN 101                | Declared value                     | Min. 7                             |
| The reference life (RSL)                 | ISO 14 025/EN 15804   | 50 years                           | 50 years                           |
| Assessment of nat.radionuclide content   | CZ Imp.422/2016       | Max. index 1,0                     | Max. index 1,0                     |

\* No Performance Determined – NPD