

# Technical data sheet

|                                       |  |
|---------------------------------------|--|
| Product: <b>GDM05142</b>              | Serie: <b>Color Two</b>                          |
| Color: <b>dark yellow RAL 0858070</b> | Norm: <b>EN 14411:annex G, Bla</b>               |
| Nominal size: <b>5x5 cm</b>           | Declaration: <b>M 17.01</b>                      |
| Declared size: <b>48x48x6 mm</b>      | Group of goods: <b>tile sintered GL - mosaic</b> |
| Surface: <b>flat matt</b>             | Product type: <b>mosaic</b>                      |

| Technical characteristics                | Norm                  | EN 14411:annex G<br>Bla                     | LB/RAKO                 |
|--|-----------------------|---|-------------------------|
| Tolerance - Length/width                 | ISO 10545-2           | ± 0.5 mm                                    | ± 0.5 mm                |
| Tolerance - Thickness                    | ISO 10545-2           | ± 0.5 mm                                    | ± 0.5 mm                |
| Tolerance - Length/width of glued set    | ISO 10545-2           | ± 0,6%                                      | ± 0,6%                  |
| Tolerance - Joint width                  | ISO 10545-2           | ± 1.0 mm                                    | ± 1.0 mm                |
| Surface quality                          | ISO 10545-2           | Min. 95%                                    | Min. 95%                |
| Water absorption                         | ISO 10545-3           | E<0,5%,ind.max 0,6%                         | E<0,5%,ind.max 0,6%     |
| Breaking strength                        | ISO 10545-4           | >= 7,5 mm min. 1300 N<br># 7,5 mm min. 700N | >=700 N                 |
| Resistance to deep abrasion (UGL)        | ISO 10545-6           | Not required                                | Not tested              |
| Resistance to surface abrasion (GL)      | ISO 10545-7           | Declared value                              | PEI 3                   |
| 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                              | Satisfactory            |
| Durability for: internal use             | EN 14411              | Pass  | Pass                    |
| Slipperiness (bare feet)                 | EN 16165              | Declared value                              | Uncategorized           |
| Slipperiness (shod feet)                 | EN 16165              | Declared value                              | Uncategorized           |
| Coefficient of friction (dry)            | EN 16165              | Declared value                              | >=0,5                   |
| Coefficient of friction (wet)            | EN 16165              | Declared value                              | >=0,5                   |
| Discharge volume                         | DIN 51 097            | Declared value                              | Not relevant            |
| Bond strength/adhesion-cem. adhesives    | EN 12004:2007+A1:2012 | Declared value                              | >=0,5 N/mm <sup>2</sup> |
| 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          |   |                         |
| 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          | Declared value                              | Resistant               |
| Resistance to low conc.of acids/alkalis  | ISO 10545-13          | Declared value                              | Resistant               |
| Resistance to high conc.of acids/alkalis | ISO 10545-13          | Declared value                              | Resistant               |
| 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                | Not required                                | Min. 5                  |
| 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