

Technical data sheet

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|--------------------------------------|---|
| Product: XPI53023 | Serie: Pool |
| Color: white | Norm: STO 030-059824 |
| Nominal size: 21x21 cm | Declaration: P 02 |
| Declared size: 208x208x140 mm | Group of goods: sintered f.t.extruded-sp.shape |
| Surface: flat matt | Product type: inside corner Wiesbaden |

| Technical characteristics | Norm | STO 030-059824 | LB/RAKO |
|--|-----------------------|--------------------------------|---------------------------|
| Tolerance - Length/width | ISO 10545-2 | ± 2,0% | ± 2,0% |
| Tolerance - Thickness | ISO 10545-2 | ± 10% | ± 10% |
| 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 | min. 600 N | >=1300 N |
| Modulus of rupture | ISO 10545-4 | Min. 28 N/mm ² | Min. 28 N/mm ² |
| Resistance to deep abrasion (UGL) | ISO 10545-6 | Max. 275 mm ³ | Max. 275 mm ³ |
| Resistance to surface abrasion (GL) | ISO 10545-7 | Declared value | |
| 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 | >=0,7 |
| Coefficient of friction (wet) | EN 16165 | Declared value | >=0,6 |
| Bond strength/adhesion-cem. adhesives | EN 12004:2007+A1:2012 | Declared value | >=0,5 N/mm ² |
| 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 surface description | Not relevant |
| Resistance to staining | ISO 10545-14 | No visible changes | No visible changes |
| Resistance to low conc.of acids/alkalis | ISO 10545-13 | Declared value | No visible changes |
| Resistance to high conc.of acids/alkalis | ISO 10545-13 | Declared value | No visible changes |
| Resist. to house. chem. and swim. pool | ISO 10545-13 | Declared value | No visible changes |
| 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