

# Technical data sheet

Product: **XPA54023**  
 Color: **white**  
 Nominal size: **24x15 cm**  
 Declared size: **238x150x100 mm**  
 Surface: **flat matt**

Serie: **Pool**  
 Norm: **STO 030-059824**  
 Declaration: **P 02**  
 Group of goods: **sintered f.t.extruded-sp.shape**  
 Product type: **outside 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 <sup>2</sup>   | Min. 28 N/mm <sup>2</sup> |
| Resistance to deep abrasion (UGL)        | ISO 10545-6           | Max. 275 mm <sup>3</sup>    | Max. 275 mm <sup>3</sup>  |
| 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              | resistant                 |
| 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 <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          | 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