

Technical data sheet

Product: **WDM05011**

Color: **dark grey**

Nominal size: **5x5 cm**

Declared size: **48x48x7 mm**

Edge shaping: **rectified**

Surface: **flat glossy**

Serie: **Concept Plus**

Norm: **STO 030-059826, annex L BIII**

Declaration: **P 01**

Group of goods: **mixed material - mosaic**

Product type: **mosaic**

| Technical characteristics | Norm | STO 030-059826 annex L BIII | LB/RAKO |
|--|-----------------------|--------------------------------|-------------------------|
| Tolerance - Length/width | ISO 10545-2 | ± 0.5 mm | ± 0.5 mm |
| Tolerance - Thickness | ISO 10545-2 | ± 5% | ± 5% |
| 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>10% | E>10% |
| Coefficient of linear thermal expansion | ISO 10545-8 | Declared value | Max. 0,000008 / K |
| Crazing resistance | ISO 10545-11 | Required | Resistant |
| Freeze-thaw resistance | ISO 10545-12 | Declared value | not resistant |
| Durability for: internal use | EN 14411 | Pass | Pass |
| 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* |
| Light reflectance value LRV | ISO 10545-18 | Not required | |
| Reaction to fire | no testing 96/603 EHS | Class A1 | Class A1 |
| Resistance to high conc.of acids/alkalis | 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