

# Technical data sheet

Product: **WDM05796**  
 Color: **multicoloured**  
 Nominal size: **5x5 cm**  
 Declared size: **48x48x8 mm**  
 Edge shaping: **rectified**  
 Surface: **flat matt**

Serie: **Betonico**  
 Norm: **STO 030-059826, annex L BIII**  
 Declaration: **P 01**  
 Group of goods: **wall tile - mosaic**  
 Product type: **mosaic**

| Technical characteristics                | Norm                  | STO 030-059826<br>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                 | Unsatisfactory          |
| Durability for: internal use             | EN 14411              | Pass                           | Pass                    |
| 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*                    |
| 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