

# Technical data sheet

Product: **WDM05010**

Color: **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 <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