

Technical data sheet

Product: **WLRDH033**
 Color: **grey**
 Nominal size: **20x3 cm**
 Declared size: **198x30x16 mm**
 Surface: **flat matt**

Serie: **Concept**
 Norm: **STO 030-060753**
 Declaration: **P 04**
 Group of goods: **wall tile - listel**
 Product type: **relief listel**

Technical characteristics	Norm	STO 030-060753	LB/RAKO
Tolerance - Length/width	ISO 10545-2	± 0.5%	± 0.5%
Tolerance - Thickness	ISO 10545-2	± 10%	± 10%
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
Thermal shock resistance	ISO 10545-9	Required	Resistant
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/mm2
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	0,6 mm/m
Reaction to fire	NO TESTING 96/603 EHS	Class A1	Class A1
Resistance to low conc.of acids/alkalis	ISO 10545-13	Declared value	B
Resist. to house. chem. and swim. pool	ISO 10545-13	Min. B	B
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