

# Technical data sheet

Product: **WLRDH035**  
 Color: **light grey**  
 Nominal size: **20x3 cm**  
 Declared size: **198x30x16 mm**

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

Surface: **flat matt**

| 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 | 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*                    |
| 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