

# ProRox® SL 978<sup>SA</sup>

ProRox SL 978<sup>SA</sup> is a strong and rigid stonewool slab, for the thermal and acoustic insulation of constructions where higher demands are made on the temperature resistance and mechanical loads of the insulation.



## Product properties

| Properties                  | Performance                                                                                              |       |       |       |       |       |       | Standard                    |
|-----------------------------|----------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-----------------------------|
| Thermal Conductivity        | T <sub>m</sub> (°C)                                                                                      | 50    | 100   | 150   | 200   | 250   | 300   | ASTM C177                   |
|                             | λ (W/mK)                                                                                                 | 0.038 | 0.045 | 0.053 | 0.061 | 0.072 | 0.083 |                             |
| Nominal Density             | 110 kg/m <sup>3</sup>                                                                                    |       |       |       |       |       |       | ASTM C303                   |
| Maximum Service Temperature | 850 °C                                                                                                   |       |       |       |       |       |       | ASTM C411/C447              |
| Linear Shrinkage            | Less than 2% (at max service temperature)                                                                |       |       |       |       |       |       | ASTM C356                   |
| Reaction to Fire            | EuroClass A1<br>Surface burning characteristics;<br>Flame spread = passed,<br>Smoke development = passed |       |       |       |       |       |       | EN 13501-1<br>ASTM E84      |
| Chloride Content            | Less than 10 ppm<br>Conforms to the stainless steel corrosion specification as per ASTM C795             |       |       |       |       |       |       | ASTM C871<br>ASTM C692/C871 |
| Moisture Absorption         | Less than 1% weight                                                                                      |       |       |       |       |       |       | ASTM C1104/<br>C1104M       |
| Water Absorption            | Less than 1 kg/m <sup>2</sup>                                                                            |       |       |       |       |       |       | EN 1609                     |

Note: All information and data for technical parameters are based on laboratory testing.

## Compliance

- ProRox SL 978<sup>SA</sup> Slabs comply with the requirements as set by internationally recognized standards like CINI 2.2.01 and ASTM C612 Type IA, II, III and IVA.

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