

ProRox® SL 960

ProRox SL 960 is a strong and rigid slab and is especially suitable for the thermal and acoustic insulation of constructions up to intermediate temperatures.



Product properties

| Properties | Performance | | | | | | | | | | | | Norms |
|-----------------------------------|--------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------|
| Thermal conductivity | T_m (°C) | 50 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 500 | 600 | 660 | EN 12667 |
| | λ (W/mK) | 0,039 | 0,045 | 0,052 | 0,060 | 0,071 | 0,081 | 0,094 | 0,107 | 0,140 | 0,175 | 0,200 | ASTM C177 |
| Maximum Service Temperature | 660°C (1220°F) | | | | | | | | | | | | EN 14706 |
| | 600°C (1112°F) | | | | | | | | | | | | ASTM C411 |
| Reaction to fire | Euroclass A1 | | | | | | | | | | | | EN 13501-1 |
| | Surface burning characteristics; Flame spread=passed, Smoke development=Passed | | | | | | | | | | | | ASTM E84 (UL 723) |
| Nominal density | 100 kg/m ³ (6,2 lb/ft ³) | | | | | | | | | | | | EN 1602 |
| Corrosion resistance | Conforms to the stainless steel corrosion specification as per ASTM test methods C 692 and C 871 | | | | | | | | | | | | ASTM C795 |
| | Trace quantity of water leachable chloride ions: ≤ 10 ppm | | | | | | | | | | | | EN 13468 |
| Water Absorption | < 1 kg/m ² | | | | | | | | | | | | EN 1609 |
| | Water vapour absorption (Vapor sorption) $\pm 0,02\%$ vol | | | | | | | | | | | | ASTM C1104/C1104M |
| Water vapour diffusion resistance | $\mu = 1$ | | | | | | | | | | | | EN 14303 |
| Designation code | MW EN 14303-T4(T3 if $t < 60$)-ST(+)/660-WS1-CL10 | | | | | | | | | | | | EN 14303 |

Compliance

ProRox SL 960 Slabs fully comply with the requirements as set by internationally recognized standards like EN14303, CINI 2.2.01 and ASTM C612 Type IA, IB, II, III, IVA, IVB.

As ROCKWOOL has no control over insulation design and workmanship, accessory materials or applications conditions, ROCKWOOL does not warranty the performance or result of any installation containing ROCKWOOL products. ROCKWOOL's overall liability and the remedies available are limited by the general terms and conditions of sale. This warranty in lieu of all other warranties and conditions expressed or implied, including the warranties of merchantability and fitness for a particular purpose. ROCKWOOL Technical Insulation reserves the right to make necessary product changes at any time. Technical specifications are thus stated subject to change.

ROCKWOOL® Technical Insulation, ROCKWOOL®, SeaRox® and ProRox® are registered trademarks of ROCKWOOL International A/S and cannot be used without a prior written consent.