

ProRox® SL 970

ProRox SL 970 is a strong and rigid stone wool slab, for the thermal and acoustic insulation of constructions where higher temperatures and light mechanical loads (e.g. vibrations) occur. Typical examples are ovens, furnaces and exhaust ducts.



Product properties in accordance with ASTM C612

| Properties ¹ | Performance | | | | | | | Norms |
|--|--|-------|-------|-------|-------|-------|-------|-------------------------------|
| Thermal conductivity ² at mean temperature | T _m (°C) | 50 | 100 | 150 | 200 | 250 | 300 | ASTM C177 |
| | λ (W/mK) | 0.038 | 0.043 | 0.049 | 0.056 | 0.064 | 0.074 | |
| Nominal density | 115 kg/m ³ | | | | | | | ASTM C303 |
| Maximum use temperature | 650°C | | | | | | | ASTM C411 / C447 |
| Linear shrinkage | Less than 2% (at max service temperature) | | | | | | | ASTM C356 |
| Reaction to fire | EuroClass A1 Surface burning characteristic; Flame spread = Passed, Smoke development = Passed | | | | | | | EN 13501-1 ASTM E84 |
| Chloride content | Less than 10 ppm Conforms to the stainless steel corrosion specification as per ASTM C795 | | | | | | | ASTM C871 ASTM C692 / C871 |
| Moisture absorption | Less than 1% weight | | | | | | | ASTM C1104 / C1104M |
| Water absorption | Less than 1 kg/m ² | | | | | | | EN 1609 |

1. All information and data for technical parameters in this data sheet are based on laboratory testing

2. Nominal values.

Compliance

- ProRox SL 970 slabs comply with the requirements as set by internationally recognized standards like CINI 2.2.01 and ASTM C612 Type IA, II, III, IVA and IVB
- Above product properties reflect only to ASTM standards. Compliance and Performance according to Indian Standards (IS) can be found on our website. Please contact our sales representatives for an extended list of approvals & certifications.

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.



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PRODUCT DATA SHEET
200 341IN-07/20_V3 (EN)
PROROX INDUSTRIAL INSULATION