



EXCELLENCE
IN FIRESAFE SOLUTIONS

by **Lapinus**

Rockwool 251 Industrial slab



Thickness in mm	Length in mm	Width in mm	Packaging m ² / pack	m ² / per 40ft HC container
40	1000	600	2.4	1613
50	1000	600	1.8	1285
60	1000	600	1.8	1058
80	1000	600	1.2	806
100	1000	600	1.2	655

Shrink-wrapped

Applications

Rockwool 251 is a highly pressure resistant stone wool slab for the thermal and acoustic insulation of constructions where high temperatures and mechanical loads (e.g. vibrations) occur.

Advantages

- Excellent thermal and acoustic insulation
- Resistant to high temperatures
- Resistant to mechanical loads

Product properties

	Performance							Standard
	t° (°C)	50	100	150	200	250	300	
Thermal conductivity	λ (W/mK)	0.041	0.045	0.051	0.058	0.066	0.075	EN 12667, ASTM C177
	t° (°F)	100	200	300	400	500	600	
	λ (BTU.in/ft ² .h.°F)	0.276	0.309	0.353	0.405	0.468	0.541	
Maximum Service Temperature	700°C (1292°F) 750°C (1382°F)							EN 14706 ASTM C411
Reaction to fire	Non-combustible A0 Surface burning characteristics: Flame spread=passed, Smoke development=passed							NEN 6064 NBN S21-203 ASTM E84 (UL 723)
Water absorption	Water absorption < 1 kg/m ² Water vapour absorption (vapor sorption) ± 0.02%vol							EN 1609 ASTM C1104/C1104M
Water leachable chloride content	Conforms to the stainless steel corrosion specification as per ASTM test methods C692 and C871							ASTM C795
Compression resistance	54 kPa at 10% deformation							EN 826
Nominal density	175 kg/m ³ (10.94 lb/ft ³)							
Water vapour resistance factor	μ = 1.3							EN 12086
Compliance	Rockwool (RW) slabs for thermal insulation of equipment Standard specification for mineral fibre block and board thermal insulation, type IA, IB, II, III, IVA							CINI 2.2.01 ASTM C612-04

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