



Your Insulation Experts!

IPC INDUSTRIES

Insulation Polyurethane Chemicals

by **Lapinus**

2.2 Insulation products

Rockwool 233



Boards are shrink-wrapped

* approximately

Thickness in mm	Length in mm	Width in mm	Packaging m ² / pack	m ² per 40ft HC container*
25	1000	600	8.4	2470
30	1000	600	6.0	2016
40	1000	600	3.6	1663
50	1000	600	3.6	1210
60	1000	600	3.0	1008
70	1000	600	1.8	907
75	1000	600	2.4	806
80	1000	600	1.8	832
100	1000	600	1.8	605
120	1000	600	1.2	554

Applications

Rockwool 233 is a rigid stone wool slab, specially developed for the thermal and acoustic insulation of technical equipment such as reservoirs, ovens, boilers,...

Advantages

- Excellent thermal and acoustic insulation
- Resistant to high temperatures

Product properties

	Performance						Standard
	t _m (°C)	50	100	150	200	250	
Thermal conductivity	λ (W/mK)	0.040	0.044	0.051	0.060	0.071	EN 12667, ASTM C177
	t _m (°F)	100	200	300	400	500	
	λ (BTU.in/ft ² .h.°F)	0.272	0.303	0.354	0.425	0.516	
Maximum Service Temperature	500°C (932°F) 600°C (1112°F)						EN 14706 ASTM C411
Reaction to fire	A1 Surface burning characteristics: Flame spread=passed, Smoke development=passed						EN 13501-1 ASTM E84 (UL 723)
Water leachable chloride content	Conforms to the stainless steel corrosion specification as per ASTM test methods C692 and C871						ASTM C795
Water absorption	Water absorption < 1kg/m ² Water vapour absorption (vapor sorption) ± 0.02 %vol						EN 1609 ASTM C1104/C1104M
Nominal density	100 kg/m ³						
Water vapour resistance factor	μ = 1.0						EN 12086
Water vapour resistance aluminium foil	S _d ≥ 100m						EN 12086
Compliance	Rockwool (RW) slabs for thermal insulation of equipment Standard specification for mineral fibre block and thermal insulation, type IA and IB						CINI 2.2.01 ASTM C612-04