

Rockwool 233

PRODUCT DATA SHEET

INSULATION SOLUTIONS

PACKAGING & AVAILABILITY

Thickness in mm	Length in mm	Width in mm	Packaging m2 / pack	m2 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

Boards are shrink-wrapped · * approximately

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

Property	Performance	Standard
Thermal conductivity	λ (W/mK) 0.040 0.044 0.051 0.060 0.071 λ (BTU.in/ft ² .h.°F) 0.272 0.303 0.354 0.425 0.516	EN 12667, ASTM C177
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	Sd q 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