

ROCKWOOL - INTEGRA

TECHNICAL DATA

integra.
BUILDING PRODUCTS



NATSPEC//
*Construction
Information*



As presented by
Integra Building
Products

Directed BY
Rav De Silva

ROCKWOOL - INTEGRA

Description

Rockwool S 400 is a high quality Resin - Bonded light weight semi rigid mineral wool slab with excellent thermal, acoustic and fire safety properties. Applications for Rockwool S 400 are thermal and acoustic insulation.

Standard Sizes (mm)

Thickness	Dimensions	Slab per Pack
25	1200 x 600	12
38	1200 x 600	8
50	1200 x 600	6
75	1200 x 600	4
100	1200 x 600	3



ROCKWOOL - INTEGRA

Product Performance and Properties

Density: > ; 100 kg/m³ (nominal):- being delivered density according to ASTM C612 - 93

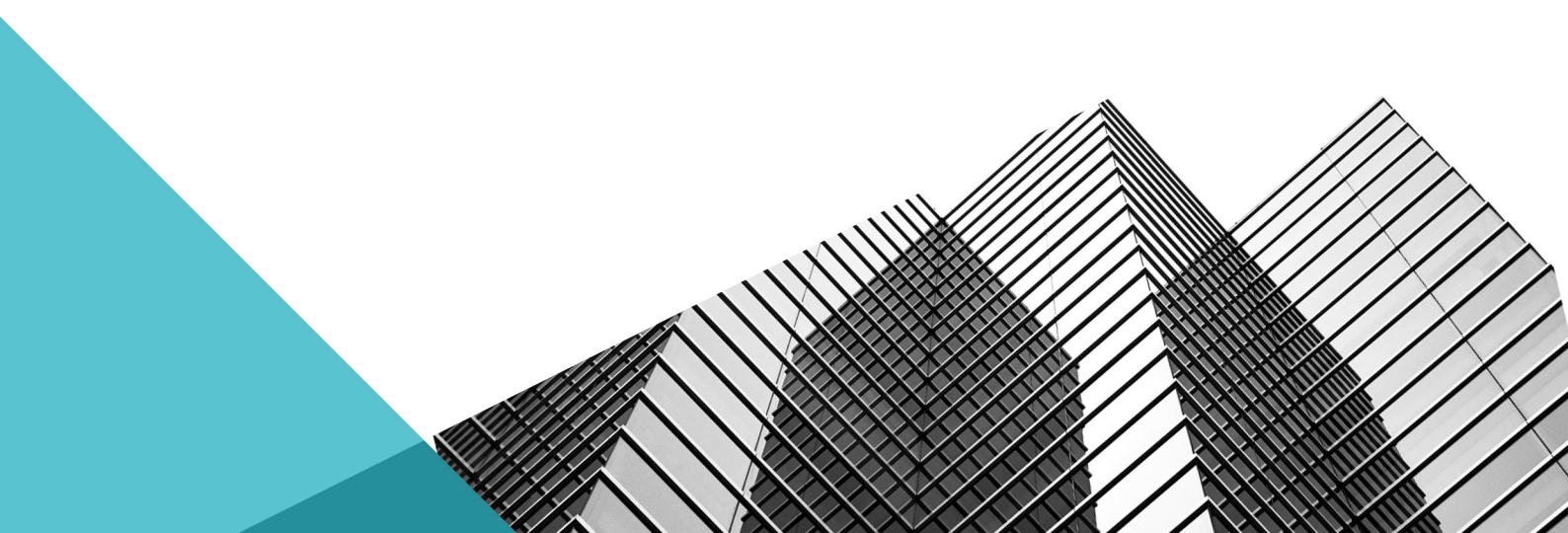
Service Temperature: Maximum continuous service temperature on plain surface 650 ° C (1202 ° F) according to ASTM C411.

Thermal Conductivity (typical data): Tested in accordance with DIN 52612

*When tested to AS 4859.1, laboratory thermal conductivity.

Mean Temp (°C)	23*	50	100	150	200	250	300	350
K value (W/mK)	0.034	0.040	0.045	0.053	0.063	0.075	0.089	0.106

Thickness (mm)	25	38	50	75	100
R-Value* (Km ² /W)	0.735	1.117	1.470	2.205	2.941



ROCKWOOL - INTEGRA

Acoustic Performance

The stone wool base material when measured according to ISO 354 and applied directly to the wall surface at a thickness of 50 mm gives the following:

Hz	125	250	400	500	800	1000	2000	4000	NRC
CoeffaS	0.54	0.81	1.06	1.10	1.15	1.10	1.03	1.01	1.03

Fire Performance

Non-combustible when tested according to international standards eg. ASTM E-136-82, DIN 4102, BS476 Pt4- 1970, ISO R 1182, AS 1530.1.

