

RLACOUSTIC BOARD

FOR ULTRATHERM MSR ROOFING SYSTEMS

DESCRIPTION

RL Acoustic Board is a high-density acoustic roof board. RL Acoustic Board has a treated gypsum core combined with a fiberglass facer to the face and the back offering exceptional water resistance. It is designed for exterior application and complies with the requirements of ASTM C1177.

RL Acoustic Board standard thickness is 13 mm. Other thicknesses available on request.

RL Acoustic board is non-combustible, moisture and mould resistant.



ADVANTAGES

EXCEPTIONAL STRENGTH:

Engineered to provide superior strength, impact resistance and dimensional stability in Ultratherm roof assemblies.

ACOUSTIC PERFORMANCE:

Used as a component within a range of Rooflogic Systems, RL Acoustic Board provides significant acoustic enhancement in respect to STC rating and rain noise attenuation. (Standard 13mm RL Acoustic Board will achieve STC38 when incorporated within a standard Rooflogic MSR system.

FIRE PERFORMANCE:

RL Acoustic Board has a non-combustible core when tested in accordance with ASTM E136: Surface burning characteristics-Flame spread 0, Smoke developed 0, when tested in accordance with ASTM E84.

MOISTURE AND MOULD:

Uniform water-resistant core ensures excellent moisture and mould resistance. Scored a maximum "10" for mould resistance on ASTM D3273.

EFFICIENT INSTALLTION:

Quick score and snap, with no sawing or special tools required.

EXPOSURE:

RL Acoustic Board should be stored protected from the weather.

INSTALLATION

- Refer to RoofLogic Specifications for proper installation techniques.
- RL Acoustic Board should be stored flat and off the ground with protection from the weather.
- Apply only as much RL Acoustic Board as can be covered by the specified top skin or vapour control layer in the same day.
- RL Acoustic Board should be dry during the application. Do not install during the rain.
- RL Acoustic board does not need to be mechanically attached to the purlin or liner deck independently of the metal top deck. If site requirements necessitate mechanical attachment of the board this can be done with RL 70 mm diameter washers and Trufast HD fixings.
- Locate edge joints on, and parallel to, deck ribs. Butt board edges and ends tightly in typical installations.

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INFORMATION TABLE

BOARD THICKNESS	10 mm	13 mm	16 mm
WIDTH, STANDARD	1200 mm	1200 mm	1200 mm
LENGTH, STANDARD	2300 mm	2300 mm	2300 mm
PIECES PER UNIT FOR 1200 X 2300 SHEETS	55	50	40
WEIGHT, NOMINAL kg/m ²	8.5 kg	11 kg	13.8 kg
COMPRESSIVE STRENGTH PSI NOMINAL	6.2 MPa	6.2 MPa	6.2 MPa
FLUTE SPANABILITY PER ASTM E661	125 mm	200 mm	250 mm
PERMEANCE.PERMS, PER ASTM E96	30	24	28
WATER ABSORPTION, %MAX, NOMINAL GRAMS, PER ASTM C473	10	10	10
SURFACE WATER ABSORPTION, NOMINAL GRAMS, PER ASTM C473	1.6	1.6	1.6
MOULD RESISTANCE PER ASTM D3273	10	10	10