
NBS Specification: ROCKWOOL RAINSCREEN DUO SLAB®

PRODUCT SUMMARY:

Non-combustible insulation for use within facade systems.

PRODUCT GENERAL DESCRIPTION:

RAINSCREEN DUO SLAB is a BBA-approved insulation product, that in addition to thermal comfort, provides an independently-tested acoustic benefit.

FEATURES AND BENEFITS:

- BBA approved
- Non-combustible Euroclass A1
- Independently tested to reduce airborne noise transfer (up to Rw 62 dB)
- Water repellent yet breathable, reducing condensation risk
- Stone wool is dimensionally stable and will provide the same performance for more than 55 years after installation.*
- Can be recycled and reprocessed, reducing landfill costs, with zero ODP and GWP.

*FIW, Durability Project Mineral Wool (2016), "Conclusions and Outlook." Available via EURIMA (European Insulation Manufacturers Association) at https://www.eurima.org/uploads/ModuleXtender/Publications/168/2017-02-21_EURIMA-55YearsOfUse_Info_Sheet_V08_final.pdf.

FIXINGS:

Refer to ROCKWOOL product literature.

ACOUSTIC PERFORMANCE:

The airborne sound reduction of several typical rainscreen build-ups incorporating RAINSCREEN DUO SLAB was tested at the Sound Research Laboratories (SRL), with results of up to Rw 62 dB. For more information, please see the 'Acoustic Performance of Rainscreen Façade Systems' brochure available on our website.

APPLICATION:

- Steel frame, timber frame or masonry walls in conjunction with a cladding system;
- Steel frame or timber frame with a masonry outer leaf

PRODUCT SPECIFICATION CLAUSE

PRODUCT REFERENCE:

ROCKWOOL RAINSCREEN DUO SLAB®

PRODUCT PROPERTIES:

Standard: BS EN 13162, ISO 14001

Thickness:

- 50 mm
- 60 mm
- 75 mm
- 90 mm
- 100 mm
- 105 mm
- 110 mm
- 120 mm
- 125 mm
- 130 mm
- 140 mm
- 150 mm
- 160 mm

- 170 mm
- 180 mm
- 190 mm
- 200 mm
- 220 mm
- 225 mm

Thermal conductivity: 0.034 W/mK (<90mm) / 0.035 W/mK (≥90mm)

Fire performance: A1 to BS EN 13501-1.

Water vapour resistance: 5.9 MNs/gm

CONTACT DETAILS:

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