
NBS Specification: NyRock® Rainscreen 032

PRODUCT SUMMARY:

Low lambda non-combustible stone wool insulation for use within façade systems.

PRODUCT GENERAL DESCRIPTION:

NyRock Rainscreen Slab 032 is manufactured using patented NyRock technology for low lambda performance. In addition to thermal comfort, NyRock Rainscreen Slab provides independently-tested acoustic benefits.

FEATURES AND BENEFITS:

- Low thermal conductivity of 0.032 W/mK
- BBA pending
- Non-combustible Euroclass A1
- Independently tested acoustic benefits
- Water repellent yet breathable
- 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 NyRock Rainscreen 032 was tested at the Sound Research Laboratories (SRL), with results of up to Rw 60 dB.

APPLICATION:

Cladding system in conjunction with steel/timber frame or concrete/masonry
Masonry outer leaf in conjunction with steel/timber frame

PRODUCT SPECIFICATION CLAUSE

PRODUCT REFERENCE:

ROCKWOOL NyRock Rainscreen 032

PRODUCT PROPERTIES:

Standard: BS EN 13162, ISO 14001

Thickness: Available from 50mm to 200mm. Some thicknesses subject to MOQ, please see current price list for availability.

Thermal conductivity: 0.032 W/mK

Fire performance: A1 to BS EN 13501-1.

Water vapour resistance: 5.9 MNs/gm

CONTACT DETAILS:

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