

NBS Specification: NyRock® Frame Slab 032

PRODUCT SUMMARY:

Non-combustible stone wool insulation designed specifically for use within timber and steel frames.

PRODUCT GENERAL DESCRIPTION:

NyRock Frame Slab 032 is a semi-rigid stone wool insulation slab designed specifically for use between the studwork of external timber or light gauge steel frame walls.

The slabs deliver insulation with optimised density and performance; offering a low thermal conductivity designed to meet and exceed thermal building regulations.

FEATURES AND BENEFITS:

- Thermal conductivity of 0.032 W/mK
- Euroclass A1 non-combustibility classification as defined in EN13501-1.
- Open cell stone wool structure delivers sound absorption.
- Robust and durable stone wool slabs that maintain shape, fit and performance over time.
- A sustainable, recyclable solution.
- Produced using abundant, renewable volcanic rock.
- CE marked to EN 13162: 2012+A1:2015.

ACOUSTIC PERFORMANCE:

NyRock Frame Slab 032 can reduce outside sources of noise when used in an external wall.

WATER RESISTANCE AND MOISTURE:

ROCKWOOL stone wool repels liquid water due to its fibre orientation and a water repellent additive.

DURABILITY:

ROCKWOOL stone wool is highly resilient, durable and dimensionally stable, maintaining its thickness and shape over time. Moreover, due to its fibre structure and overall flexibility, stone wool can easily fit into available spaces, helping in avoiding unplanned air gaps, cracks or other installation errors in the final construction, ensuring stable performance over time.

CONDENSATION:

Will contribute to limiting the risk of condensation.

APPLICATION:

NyRock Frame Slab 032 has been designed specifically for quick and easy installation into the standard size 600mm studs, of external timber or steel frame walls. This means the insulation takes less time to install, has a more reliable and long-lasting fit, and that the performance does not diminish over the lifetime of the building.

PRODUCT SPECIFICATION CLAUSE

PRODUCT REFERENCE:

ROCKWOOL NyRock Frame Slab 032

PRODUCT PROPERTIES:

Standard: [d] EN 13162, ISO 14001. Manufactured to EN 13162

Thickness range:

Standard Thicknesses (Timber Frame):

- 90 mm
- 140 mm

Standard Thicknesses (Steel Frame):

- 100 mm
- 120 mm
- 150mm

Edges: [d] Square

Thermal conductivity (maximum): [d] 0.032 W/mK

Fire performance: [d] Euroclass A1 non-combustible

CONTACT DETAILS:

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