
NBS Specification: ROCKWOOL NyRock® Cavity Slab 032

PRODUCT SUMMARY:

Full and partial fill stone wool slab insulation for masonry cavity walls.

PRODUCT GENERAL DESCRIPTION:

ROCKWOOL Cavity Slabs are used for thermal insulation of external masonry cavity walls, and for the thermal insulation and acoustic protection of masonry party walls between dwellings.

ROCKWOOL Cavity has been examined by the British Board of Agrément (BBA) and granted Certificate 22/6252 for use in all exposure zones for domestic and non-domestic buildings that are up to 25m in height.

The NHBC accepts the use of ROCKWOOL Cavity Slabs, other than in very severe exposure locations with fair-faced masonry, provided it is installed, used and maintained in accordance with the BBA Certificate, in relation to NHBC Standards, Chapter 6.1, External masonry walls.

Building standards have also recognised that where party cavity-walls between connected buildings are untreated, considerable heat can escape through them. Using ROCKWOOL Cavity Slab to fully fill the party wall will reduce the u-value to 0.00 W/m²K.

FEATURES AND BENEFITS:

- Euroclass A1 non-combustible.
- Water repellent - prevents water transmission from outer to inner leaf.
- Acts as a cavity barrier - no additional TCBS required.
- Close fit against blockwork.
- Dimensionally stable and robust - preventing slumping and sagging.
- CE marked to EN 13162: 2012+A1:2015.
- BBA certified (BBA certificate number 22/6252)

WATER RESISTANCE AND MOISTURE:

The product will resist the transfer of water across the cavity. The orientation of the water repellent fibres prevent water crossing the wall construction, provided the slabs are correctly installed and sound building techniques are applied to the cavity wall construction (see installation notes). Any water penetrating the outer leaf will drain down the surface of the slabs.

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:

Full and partial fill insulation for masonry cavity walls.

PRODUCT SPECIFICATION CLAUSE

PRODUCT REFERENCE:

ROCKWOOL NyRock Cavity Slab 032

PRODUCT PROPERTIES:

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

Thickness range*: 50mm – 200mm (Non-standard thicknesses subject to MoQ)

Standard Thicknesses:

- 100 mm
- 125 mm
- 150 mm
- 200 mm

Edges: [d] Square

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

Fire performance: [d] Euroclass A1 non-combustible

CONTACT DETAILS:

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