
NBS Specification: ROCKWOOL Full Fill Cavity Batts

PRODUCT SUMMARY:

Full-fill stone wool insulation for masonry cavity walls.

PRODUCT GENERAL DESCRIPTION:

ROCKWOOL Full Fill Cavity Batts are a stone wool insulation solution for masonry cavity walls, suitable for use in new builds and extensions. Lightweight and easy to handle, the batts are simple to install and provide a close fit against brick and blockwork. ROCKWOOL Full Fill Cavity Batts are non-combustible and contain water repellent additives which prevent moisture transmission between the outer and inner leaf.

The NHBC accepts the use of ROCKWOOL Cavity Batts, other than in very severe exposure locations with fairfaced 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 Batt 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 BS EN 13162:2012+A1:2015
- BBA certified (BBA certificate number 94/3079)

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 batts 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 batts.

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.

U-VALUES:

- Approved Document L (2013 edition England and 2014 Wales) – U-value requirements for walls:
- New build dwellings: England 0.25-0.18 W/m²K / Wales 0.21-0.18 W/m²K.
- New build non-domestic: England 0.26-0.22 W/m²K / Wales 0.26-0.22 W/m²K.
- Extensions to dwelling: England 0.28 W/m²K / Wales 0.21 W/m²K.
- Extensions to non-domestic: England 0.28 W/m²K / Wales 0.26 W/m²K.

APPLICATION:

Full fill insulation for masonry cavity walls.

PRODUCT SPECIFICATION CLAUSE

PRODUCT REFERENCE:

Rockwool Full Fill Cavity Batts

PRODUCT PROPERTIES:

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

Thickness range*: 50mm – 250mm (Non-standard thicknesses subject to MoQ)

Standard Thicknesses:

- 50 mm
- 75 mm
- 80 mm
- 100 mm
- 150 mm

Edges: [d] Square

Thermal conductivity (maximum): [d] 0.037 W/mK

Fire performance: [d] Euroclass A1 non-combustible

CONTACT DETAILS:

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