
NBS Specification: ROCKWOOL Roll / Twin Roll / Rollbatt

PRODUCT SUMMARY:

Non-combustible stone wool insulation rolls in standard, pre-split and pre-cut formats.

PRODUCT GENERAL DESCRIPTION:

ROCKWOOL® Roll consists of a single 1200mm width roll, Twin Roll is a single width roll pre-split into two 100 mm layers, enabling fast fitting into and over the top of loft joists. Rollbatt is a single thickness roll pre-split into 400mm or 600mm widths. The rolls all provide excellent medium density thermal, fire and acoustic insulation. The products are suitable for a wide range of applications including roof spaces in all types of building and as an overlay for ceiling tiles in suspended ceilings.

FEATURES AND BENEFITS:

- Lightweight, water repellent and rot proof stone wool insulation, suitable for installation between roof and floor ties/ joists in domestic, commercial and industrial buildings.
- Provides thermal, acoustic and fire resilient properties.

Advantages:

- Thermal, fire and acoustic properties in one product.
- Euroclass A1 non-combustible.
- Multi-application.
- Dense, durable and robust rolls reduce slumping and sagging.
- Lightweight and easy to cut and fit.
- U-Value: 0.14 W/m²K (in a traditional loft application at 300mm thickness).
- Rockwool rolls are CE, Key and Kite marked in accordance with BS EN 13162:2012+A1:2015

ACOUSTICS:

The incorporation of ROCKWOOL Roll, TwinRoll and Rollbatt within suitably designed constructions provides improved levels of sound reduction.

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.

WATER REPELLENCE:

ROCKWOOL Insulation products work with the fabric of the building, preventing water from penetrating, but allowing moisture vapour to pass through.

APPLICATION:

Thermal insulation with added acoustic protection and fire resistance.

PRODUCT SPECIFICATION CLAUSE

PRODUCT REFERENCE:

ROCKWOOL Roll, Twin Roll, Rollbat

PRODUCT PROPERTIES:

Standard: [d] BS EN 13162:2012+A1:2015, ISO 14001

Thickness range (Roll, Twin Roll, Rollbatt): 100-150mm (non-standard thicknesses available on request)

Standard thicknesses:

- Roll: 150 mm
- Twin Roll: 100mm (2 x 100mm layers)
- Rollbatt 100 & 150mm (pre-split to either 2 x 600mm or 3 x 400mm)

Edges: [d] Square

Thermal conductivity (maximum): [d] 0.044 W/mK.

Fire performance: [d] Euroclass A1 non-combustible

CONTACT DETAILS:

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