
NBS Specification: ROCKWOOL HP Partial Fill Cavity Slabs

PRODUCT SUMMARY:

Robust, long-lasting protection for masonry cavity walls.

PRODUCT GENERAL DESCRIPTION:

ROCKWOOL® High Performance Partial Fill Cavity Slabs are a robust and durable solution for the thermal insulation of external masonry cavity walls. High Performance Partial Fill slabs further maximize energy efficiency by knitting together when tightly jointed in order to eliminate performance sapping gaps. The slabs are Euroclass A1 non-combustible and water repellent. Made from abundant, renewable volcanic rock, which is recyclable.

FEATURES AND BENEFITS:

- Euroclass A1 non-combustible.
- Dual density slabs (applicable to >90mm slabs only) - absorb irregularities on the inner leaf and provide a robust outer surface.
- Water repellent - prevents water transmission from outer to inner leaf.
- Superior fit against blockwork.
- Dimensionally stable and robust - preventing slumping and sagging.
- CE marked to BS EN 13162:2012+A1:2015
- BBA certified (certificate number 93/2884)

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:

Partial fill insulation for masonry cavity walls.

PRODUCT SPECIFICATION CLAUSE

PRODUCT REFERENCE:

ROCKWOOL HP Partial Fill Cavity Slabs

PRODUCT PROPERTIES:

Standard: [d] BS EN 13162, EN 13501-1

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

Standard thicknesses:

- 50 mm
- 80 mm
- 100 mm
- 120 mm
- 135 mm

Thermal conductivity (maximum): [d] <90mm 0.035 W/mK ≥90mm: 0.034 W/mK

Fire performance: [d] Non-combustible (Class A1 to BS EN 13501-1)

Water vapour resistance: [d] Negligible

CONTACT DETAILS:

ROCKWOOL

Wern Tarw Road, Rhiwceiliog Pencoed, Bridgend CF35 6NY

Email: technical.solutions@rockwool.co.uk

Telephone: 01656 868 490
www.rockwool.com/uk/