

## NBS Specification: ROCKWOOL Insulation Slabs – RWA45 – RW3-RW4-RW5-RW6

### PRODUCT SUMMARY:

Stone wool insulation slabs or general building applications.

### PRODUCT GENERAL DESCRIPTION:

General building slabs designed for use as acoustic, thermal and fire protection of walls, ceilings, floors and roofs. The 45–140 kg/m<sup>3</sup> slabs are available in range of thicknesses and a variety of facings are available on request, including black or white tissue, and aluminium foil, to one or both sides (subject to production compatibility). ROCKWOOL RW Slabs conform to BS EN 13162:2012+A1:2015 Thermal insulation products for buildings. Factory made mineral wool (MW) products.

### FEATURES AND BENEFITS:

- Euroclass A1 non-combustible.
- Suitable for a wide range of general building applications.
- Available with a number of facing options, including tissue and aluminium foil.
- Thermal, acoustic and fire performance.
- Sustainable and recyclable.
- CE and Key marked in accordance with BS EN 13162:2012+A1:2015

### ACOUSTIC PERFORMANCE:

ROCKWOOL stone wool products work in two distinct ways to reduce noise, either by impeding the transmission of sound through an element of the structure or by absorption of sound at the surface. The structure of the fibres in ROCKWOOL RW slabs make them suitable for use as a sound absorber.

### WATER RESISTANCE:

ROCKWOOL RW Slabs are highly water repellent and non-hygroscopic

### APPLICATION:

Stone wool insulation for general building applications.

### PRODUCT SPECIFICATION CLAUSE

### PRODUCT REFERENCE:

ROCKWOOL RWA45  
ROCKWOOL RW3  
ROCKWOOL RW4  
ROCKWOOL RW5  
ROCKWOOL RW6

### PRODUCT PROPERTIES:

**Standard:** [d] BS EN 13162

#### Thickness range:

- RWA45 thickness range: 25mm – 230mm (non-standard thicknesses subject to MoQ)
- RWA45 standard thicknesses: 25mm, 30, 40, 50, 60, 75, 100
- RW3: 25 - 200mm (non-standard thicknesses subject to MoQ)
- RW3 standard thicknesses: 25mm, 30, 40, 50, 60, 75, 90, 100
- RW4 thickness range: 25mm – 250mm (non-standard thicknesses subject to MoQ)
- RW4 standard thicknesses: 50mm, 75, 100
- RW5 thickness range: 25mm – 200mm (non-standard thicknesses subject to MoQ)
- RW5 standard thicknesses: 25mm, 30, 50, 75, 100, 150
- RW6 thickness range: 30mm – 120mm (non-standard thicknesses subject to MoQ)
- RW6 standard thicknesses: 50mm, 75, 100:

**Facing options (available on request, as one or both sides):**

- Aluminium foil
- Black tissue
- White tissue
- Plain, unfaced

**Edges:** [d] Square

**Density:** [d] RWA45: 45 kg/m<sup>3</sup>. RW 3: 60 kg/m<sup>3</sup>. RW 4: 80 kg/m<sup>3</sup>. RW 5: 100 kg/m<sup>3</sup>. RW 6: 140 kg/m<sup>3</sup>.

**Thermal conductivity (maximum):** [d] RW3/4/5: 0.034 W/mK. RWA45/RW6: 0.035 W/mK.

**Fire performance:** [d] Euroclass A1 non-combustible

**CONTACT DETAILS:**

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