

## Roxul® MPB (Multi Purpose Blanket)

Product Data Sheet

A flexible blanket designed for general insulation applications



GENERAL CHARACTERISTICS OF ROXUL® ROCKWOOL®  
FIBREGLASS INSULATION: WATER REPELLENT,  
FLEXIBLE & NOT TOXIC, ABSORBS SOUND AND VIBRATION,  
RESISTANT TO PESTS, CHEMICALLY INERT, EASY TO  
HANDLE & CUT, NON-FLAMMABLE FREE.

### BENEFITS:

- Good recovery
- Good handability
- Simple and fast installation
- Water repellent
- Economical in use

# Roxul® MPB (Multi Purpose Blanket)

## Product Data Sheet

### GENERAL PRODUCT INFORMATION

Roxul stone wool products are made from rock and are therefore non-combustible with a melting point of more than 1,000°C. Roxul stone wool products are particularly suitable for thermal insulation, fire protection and sound reduction/absorption.

### COMMON APPLICATIONS

Roxul MPB (Multi Purpose Blanket) is a lightweight insulation blanket manufactured in a variety of thicknesses, suitable for thermal insulation in residential, commercial and industrial buildings. Roxul MPB is supplied in roll form for ease of installation over large areas.

### TECHNICAL PARAMETERS

Product Type	MPB 50	MPB 70	MPB 90	MPB 100	MPB 150	Standards
Nominal Density (kg/m <sup>3</sup> )	50	70	90	100	150	
Thermal Conductivity at Mean Temperature (W/mK @ 10°C)	0.036	0.036	0.036	0.036	0.036	ASTM C107 / BS 8434
Thermal Resistance (R-value) in air @ 10°C (W/m <sup>2</sup> K) (for MPB 50 - 100kg/m <sup>3</sup> products)	2.78m <sup>2</sup> K/W (1.0 ft <sup>2</sup> )	3.11m <sup>2</sup> K/W (1.1 ft <sup>2</sup> )	3.44m <sup>2</sup> K/W (1.2 ft <sup>2</sup> )	3.77m <sup>2</sup> K/W (1.3 ft <sup>2</sup> )	5.56m <sup>2</sup> K/W (2.0 ft <sup>2</sup> )	ASTM C500
Fire Performance	Non-combustible					BS-476 Part 4
Fire Hazard Index	Spread of Flame (S-F) = 0 Smoke Developed (D-F) = 0					BS-476 Part 6 & 7
Moisture resistance	Absorb less than 0.2% W/W					ASTM C1091/1098
Water Absorption (after 24h partial immersion)	+ 1kg/m <sup>3</sup>					EN 1500
	+ 1% change in weight					BS 2902/2909
Suitability for use	Tested and approved in accordance to BS848 and ISO 9001. Roxul MPB conforms to ASTM C1002 Specifications for Mineral Fiber Blanket Thermal Insulation for Commercial and Industrial Applications					

The information contained in this data sheet is believed to be correct at the time of publication. However, we do not accept responsibility for the use of information or data made available in this data sheet without the user's independent verification.

**ROXUL**  
FIRESAFE INSULATION

**Head Office / Factory**  
Roxul, Unit 205, 2000 Woodhouse Rd  
150 A & B Industrial Estate, Woodhouse  
John Crompton Drive  
15000 Woodhouse, Leicestershire  
Tel: +44 (0) 1533 550000  
Fax: +44 (0) 1533 55010  
Email: info@roxul.com  
Website: www.roxul.com

**Germany / Support Sales Office**  
Roxul-LL, Markt, Kaiser Square  
101, 42699 Solingen, North Rhine-Westphalia  
Solingen, 42699 Solingen, North Rhine-Westphalia  
Tel: +49 (0) 2125 9200  
Fax: +49 (0) 2125 9200

**Singapore Representative Office**  
3 International Business Park  
100 Valley View Dr, North East Region, Singapore 607505  
Tel: +65 63360000  
Fax: +65 63360007



**China Sales Office**  
Room 204, 2100 Hongqiao  
South Road, Shanghai  
200001, P.R. China  
Tel: +86 (0) 21 5880 8100  
Fax: +86 (0) 21 5880 8000