

# ROXUL®

## FIRESAFE INSULATION

PRODUCT DATA SHEET

## Roxul® MPS (Multi Purpose Slab)

An Insulation Slab Designed For General Insulation Application

### Benefits

Simple and fast installation/ No sagging or slumping, rigidity lasts for a lifetime of a building /  
Can be tailor made to various dimensions / Water Repellent / Thermal Insulant /  
Non-combustible & firesafe



Firesafe



Water  
Repellent



Thermal  
Comfort



Noise  
Absorbing



Mechanical  
Strength



Environmentally  
Friendly

[www.roxul.com.my](http://www.roxul.com.my)

GENERAL CHARACTERISTIC OF ROXUL® ROCKWOOL® PRODUCTS: NON-COMBUSTIBLE. WATER REPELLENT. VERMIN & ROT PROOF. ASBESTOS, CFC AND HCFC FREE PRODUCT & PROCESS. CHEMICALLY INERT. EASY TO HANDLE & CUT. MAINTENANCE FREE.

# Roxul® MPS (Multi Purpose Slab)

An Insulation Slab Designed For General Insulation Application

## GENERAL PRODUCT INFORMATION

Roxul Stone Wool products are made of basalt, a volcanic stone. Roxul Stone Wool products are non-combustible with a melting point of approximately 1000°C. Roxul Stone Wool products are particularly suitable for thermal insulation, fire protection and sound reduction/absorption.

## COMMON APPLICATIONS

Roxul MPS (Multi Purpose Slab) is manufactured in a wide variety of thicknesses and densities to suit most requirements, suitable for general application in residential, commercial and industrial buildings.



## FACINGS

Roxul MPS products are available in plain, aluminium foil facings and one side or two sides glass tissue facings.

## DIMENSIONS

Standard Sizes

Thickness (mm)	50, 75 & 100 mm
Length x width (mm)	1200 mm x 600 mm
Nominal Density (kg/m <sup>3</sup> )	40 – 150

NOTE:

I) DENSITY 40KG/M<sup>3</sup> IS ONLY AVAILABLE IN 65MM AND ABOVE THICKNESS

II) PLEASE CONTACT OUR SALES REPRESENTATIVES FOR OTHER SIZES NOT STATED IN THE DATASHEET

## PACKAGING & STORAGE

Roxul MPS is shrink-wrapped in branded polyethylene sheets for ease of handling, transportation, storage and identification. Products should be stored indoors or under a waterproof covering.

## TECHNICAL PARAMETERS

Product Types	MPS 100	MPS 200	MPS 300	MPS 400	MPS 500	MPS 620	MPS 640	MPS 650	Standards
Nominal Density (kg/m <sup>3</sup> )	40	50	60	80	100	120	140	150	
Thermal Conductivity*1 20°C λ. Values (W/mK)	0.036	0.036	0.034	0.034	0.034	0.034	0.034	0.034	ASTM C177 / C518
Sound Absorption*2 (BSEN 20354: 1993)	Frequency Hz								
	125	250	500	1000	2000	4000	5000	NRC	
	0.20	0.60	0.95	0.95	0.95	0.90	0.88	0.85	
Fire Performance	Non-combustible / A1 Fire Classification							BS 476 Part 4 / EN 1350-1	
Moisture Resistance	Absorb less than 0.04 Vol %							ASTM C1104/C1104M	
Water Absorption (short term)	Less than 0.5kg/m <sup>2</sup>							EN 1609:97	

Note:

\*1 SOME RESULTS ARE INTERPOLATED

\*2 SOUND ABSORPTION VALUES ARE FOR MPS 200 X 50MM THICK PRODUCT. NRC VALUE CALCULATED TO ASTM C423-01. TEST RESULTS ARE AVAILABLE UPON REQUEST.

THE INFORMATION CONTAINED IN THIS DATA SHEET IS BELIEVED TO BE CORRECT AT THE DATE OF PUBLICATION. ROXUL ASIA SDN BHD DOES NOT ACCEPT RESPONSIBILITY FOR THE CONSEQUENCES OF USING ROXUL MPS IN APPLICATIONS DIFFERENT FROM THOSE DESCRIBED ABOVE.



Roxul MPS products (without facing) ranging from density 40 - 150 kg/m<sup>3</sup> are UL Classified. Please contact Roxul Asia for details.

# ROXUL®

FIRE SAFE INSULATION

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