



**NICHIAS**

# ROCK WOOL PARTY WALL BATTS

## FIRE PROTECTION

### PRODUCT DATA SHEET

#### DESCRIPTION

Nichias Rock Wool Insulation is made of inorganic fibres from volcanic rock and minerals bonded together by an organic binder. Using the latest and most advanced manufacturing technology from Japan, ensures consistent product quality, high fibre density and low shot content for excellent performance for high temperature, fire resistance and acoustic applications.

Rock Wool Party Wall Batts are a specially formulated Rock Wool manufactured in specific sizes to provide fire protection for common walls (party walls) between adjoining occupancies.

#### APPLICATIONS

Rock Wool Party Wall Batts are specially manufactured to be friction fitted under compression for vertical applications on party walls. Rock Wool Party Wall Batts act as a seal/gasket between the party wall and the roof construction providing up to a 2 hour fire protection level as required under the Building Codes.

Rock Wool Party Wall Batts can be installed in single layer or multiple layers but may require support. The product should be installed with a 10% compression to ensure stability and ensure that it is installed without gaps.



#### KEY BENEFITS

- \* Durable and light weight
- \* High fibre content
- \* Low shot content
- \* Non combustible
- \* Non corrosive
- \* Easily cut and formed
- \* Safe to use product and meets the criteria of bio solubility
- \* Low dust fallout
- \* Fire Protection
- \* ASTM C612 Mineral fibre block and board thermal insulation - type IV



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### STANDARD SIZES

1.2m x 168mm x 100mm - 10pc Pack / 12 L/Mtrs per Pack

\* Special sizes available upon request

### PHYSICAL PROPERTIES

Density (nominal)	70kg/m <sup>3</sup>
Thermal Conductivity	0.033 at 24 <sup>o</sup> c Mean Temperature
Non Combustibility	AS1530 Part 1 BS476 Part 4
Early Fire Hazard	AS1530 Part 3
Ignitability index	0
Spread of flame	0
Heat evolved	0
Smoke developed	1
Surface Burning Characteristic	ASTM E84
Fusion Point	1100 <sup>o</sup> c
Corrosion Resistance	ASTM C795
Water Absorption	ASTMC1104 Less than 0.02% by volume



This product does not contain any asbestos fibres nor freon such as CFCs, HFCs, SCFs, HCFCs, which will affect the environment

### MANUFACTURER

**PT. NICHIAS ROCK WOOL INDONESIA**

### INSTALLATION BRIEF

1. Install Rock Wool Party Wall Batts on vertical party walls, installing between roof cover and top of party walls in a single layer or multiple layer applications, where support may be required.
2. Fit the product with the thickness being compressed by at least 10% to ensure a tight gasket fit, i.e. 100mm thickness for 85-90mm opening.
3. Ensure the product is installed in full length pieces wherever possible and cut and fit ensuring no gaps to entire length of party wall. Butt joint and cut product to suit, ensuring all pieces are butt jointed tightly.



**NICHIAS Corporation**

<http://www.nichias.co.jp/>

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