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## **ROCKWOOL PARTY WALL FIRE PROTECTION BOARD**

### ***INTRODUCTION***

Thermacon Rockwool Party Wall Protection Products are manufactured from mineral wool boards to give a maximum fire protection with the lightest possible weight. It is a non-combustible mineral wool made to provide maximum compression behavior.

### ***ADVANTAGES***

- Good thermal, acoustic and fire Insulation
- Non-combustible
- Strong and rigid
- Chemically inert
- Vermin proof and rot proof
- Resists high temperature
- Easy to handle and cut
- Cost effective
- Maintenance free
- Water resistant

### ***STANDARD DIMENSIONS***

L x W 1200mm x 150mm

Thickness: 100mm, 75mm, 50mm

Pieces per pack: 10

Other dimensions can be supplied on request.

### ***NORMAL DENSITY***

70 kg/m<sup>3</sup> at 100mm

### ***PACKAGING***

Thermacon Rockwool Party Wall protection board is normally wrapped with polythene shrink wrap

### ***COMPRESSION RESISTANCE***

*(Typical data)*

10% deformation at 200 kPa

### ***SERVICE TEMPERATURES***

Thermacon Party Wall Fire protection board can be used in continuous service at temperatures up to 750°C.

The stones in Rockwool mineral wool have a high resistance to fire and can withstand temperatures of more than 1000°C without melting.

### ***FIRE***

Thermacon Rockwool Party Wall fire protection is classified as non-combustible when tested according to ISO 1182

### ***WATER***

Impregnated Rockwool mineral wool is water repellent

### ***CORROSION***

Rockwool mineral wool is faintly alkaline and incapable of corroding steel. To maintain this condition, protection must be provided against contamination from external sources. When tested in accordance with BS 3958: Part 5 – 1969 and have a pH of 7.0 – 9.0. Practically non-alkaline materials, it does not react chemically and consequently does not promote corrosion.

***ENVIRONMENT***

No CFS's or HCFC's are used in the manufacturing of Rockwool products

***QUALITY ASSURANCE***

Thermacon's Rockwool manufacturers have a well established and operating quality control system

***STANDARDS***

Thermacon Rockwool Party Wall fire protection material is non-combustible and non-spreading the flam as per BS 476: Part 4 and 8

***FIRE PROTECTION***

Expansion joints or any other openings in buildings can negate the fire rating of the structural element, unless the openings and joints are sealed with suitable fire stopping treatment. Thermacon Rockwool Party Wall fire protection is suitable for use as fire stopping gaskets in most situations.

The widths of the fire stopping gaskets consisting of Thermacon Rockwool Party Wall fire protection which will be required to maintain the levels of fire resistance for adjoining fire rated elements of the structure are as follows:

WIDTH OF FIRE PROTECTION BOARD	LEVEL OF FIRE PROTECTION
120mm	1 Hour
128mm	1.5 Hours
135mm	2 Hours
150mm	3 Hours
160mm	4 Hours