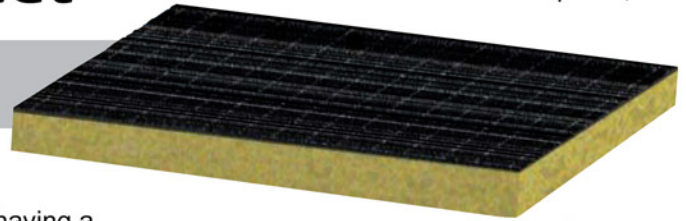


## Technical Data Sheet

Rev. Date: Apr. 18, 2007

### **ProtecR (flat or tapered panels)**



**ProtecR** is a rigid mineral wool fibre board manufactured from basalt rock and steel slag having a melting point of approximately 2180°F (1195°C), with the top face saturated with bitumen and coated with a thermofusible plastic film cover. An environmentally friendly product, **ProtecR** is CFC and HCFC free. This product is available in butt edge or shiplap.

#### **Applications**

**ProtecR** is intended for use only with fully torched modified bitumen membrane systems in commercial and industrial roof applications. It may be used as a torchable overlay on fibrous or foam insulation or as a torchable recovery board over existing roofing, or for insulated curbs on roof top mechanical units and for fireproof torching at parapets.

#### **Dimensions**

3' X 4' X 1" up to 5" thick (900 mm X 1200 mm X 25 mm up to 125 mm thick).

#### **Properties**

Actual density of 11 lb/ft<sup>3</sup> (176 kg/m<sup>3</sup>) - Less than or equal to 2"

Actual density of 10.5 lb/ft<sup>3</sup> (168 kg/m<sup>3</sup>) - Greater than 2"

Stable R-value of 4 per inch (RSI 0.70 per 25 mm)

Compressive Strength @ 10% - ASTM C165

• 1" board 14 psi (99 kPa)

• 4" board 18 psi (122 kPa)

Linear Shrinkage - ASTM C356.....0.19%

Water Absorption - ASTM C209.....<1.1%

#### **Features**

- Stable R-value
- Torch safe surface/fire resistant
- Made from recycled material
- Excellent moisture resistance
- Mold, fungi & bacteria resistant
- Eliminates hot asphalt
- Excellent dimensional stability
- Will not rot or deteriorate
- Sound absorbent
- Non-corrosive to steel decks

#### **Compliance**

Factory Mutual Approved, I-60 and I-90

ULC Listed, Guide No. 360 O18

CAN 2-51.31-M84 and ASTM C726 ( Thermal Insulation - Mineral Fiberboard )

New Brunswick Master Roofers Guarantee, QMRA

#### **Limitations**

Do not expose **ProtecR** to weather during shipment, storage or installation. At completion of day's work, seal all exposed edges. It is not intended for use as a structural roof deck.

**ModulR TS Inc. reserves the right to change the above specifications without prior notice.**