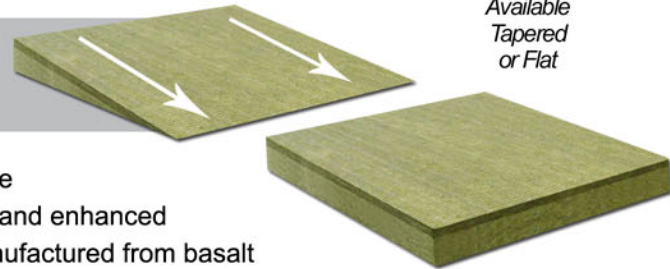


Technical Data Sheet



Protec-X2 (flat or tapered panels)

Manufactured with ModulR TS insulation technology



Available
Tapered
or Flat

Protec-X2 is a multi density rigid mineral wool fibre board with a higher density top layer for durability and enhanced strength formed as a monolithic structure and manufactured from basalt rock and steel slag having a melting point of approximately 2150°F (1177°C). An environmentally friendly product, **Protec-X2** is CFC and HCFC free. This product is available flat or tapered, but edge or shiplap.

Applications

Protec-X2 is intended for both new building and re-roofing applications, for use with mechanically fastened or ballasted traditional and single ply membranes systems in commercial and industrial roof applications.

Dimensions

4' X 4' X 2" up to 6" thick (1220 mm X 1220 mm X 50 mm up to 150 mm thick).
Tapered product slope: 1% (1/8"), 2% (1/4"), 4% (1/2") or greater available upon request

Properties

Actual density - ASTM C 612-09

- Top layer.....13.75 lb/ft³ (220 kg/m³)
- Bottom layer.....10.0 lb/ft³ (160 kg/m³)

Stable R-value

- R-value/inch @ 75°F.....3.8 hr.ft².F/Btu
- RSI value/25.4 mm @ 24°C.....0.68 m²K/W

Compressive Strength - ASTM C165

- Top layer @ 10%.....20.2 psi (139 kPa)@ 25%.....37.0 psi (252 kPa)
- Entire panel @ 10%...10.3 psi (71 kPa)@ 25%.....15.0 psi (103.5 kPa)

Linear Shrinkage - ASTM C356.....0.01% @ 350°F (177°C)

Water Absorption - ASTM C209.....<1.0%

Features

- Stable R-value
- Fire resistant
- Made from recycled material
- Excellent moisture resistance
- Fungi & bacteria resistant
- Excellent dimensional stability
- Will not rot or deteriorate
- Sound absorbent
- Non-corrosive to steel decks

Compliance

ULC Listed
CAN 2-51.31-M84 and ASTM C726 (Thermal Insulation - Mineral Fiberboard) and CAN/ULC S704-01

Limitations

Do not expose **Protec-X2** by ModulR TS 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. To avoid damage during roof installation and material transportation install adequate protective boardwalks over installed roofing materials to enable passage of people and products not limited to the roofing project.

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