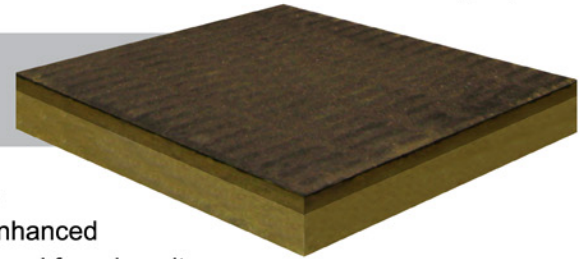


Technical Data Sheet

Rev. Date: May 11, 2010

ProtecRSS-X2 (flat or tapered panels) **Manufactured with ModulR TS insulation technology**



ProtecRSS-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), with the top face saturated with bitumen and coated with a lightly sanded surface. An environmentally friendly product, **ProtecRSS-X2** is CFC and HCFC free. This product is available flat or tapered.

Applications **ProtecRSS-X2** is intended for cold applied, torched or hot mopped modified bitumen and built-up roofing membrane systems in commercial and industrial roof applications.

Dimensions 4' X 4' X 2" up to 5" thick (1220 mm X 1220 mm X 50 mm up to 125 mm thick).

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.....3.7 hr.ft².F/Btu
- RSI value/25.4 mm @ 24°C.....0.65 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
- Torch safe surface/fire resistant
- Made from recycled material
- Excellent moisture resistance
- Eliminates hot asphalt
- Excellent dimensional stability
- Will not rot or deteriorate
- Sound absorbent
- Mold, fungi & bacteria resistant
- Non-corrosive to steel decks

Compliance Factory Mutual Approved, 4450/4470
ULC Listed
CAN 2-51.31-M84 and ASTM C726 (Thermal Insulation - Mineral Fiberboard) and CAN/ULC S704-01

Limitations Do not expose **ProtecRSS-X2** by ModulR TS to weather during shipment, storage or installation. At completion of day'swork, 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.