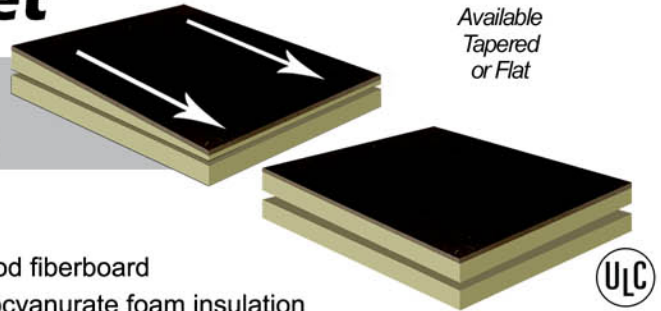


Technical Data Sheet

ProtecF COMPOSITE SYSTEM

Manufactured with ModulRTS insulation technology



ProtecF Composite System by ModulRTS

consists of a 1/2" (12.7 mm) high density coated wood fiberboard bonded to the top of one or more closed cell, polyisocyanurate foam insulation board(s). The high density wood fiberboard serves as the overlay/protection board and is manufactured using wood fibers from specially prepared pulp. The closed cell polyisocyanurate foam insulation board(s) is/are covered with an organic/inorganic felt. **ProtecF Composite System by ModulRTS** is CFC and HCFC free and is available flat, tapered, but edge or shiplap.

Applications The **ProtecF Composite System by ModulRTS** is intended for cold applied or hot asphalt modified bitumen or built-up roof membrane systems in commercial or industrial roof applications. **ProtecF Composite System by ModulRTS** can be mechanically fastened to the substrate with screws and plates, or adhered with hot or cold adhesives.

Dimensions 4' x 4' x 1.5", 2.0", 2.5", 3.0", 3.5", 4.0", 4.5" and 5.0" thick (1220 mm x 1220 mm x 38 mm, 50 mm, 64 mm, 76 mm, 89 mm, 102 mm, 114 mm and 127 mm thick). Thicker sizes available upon request.

Properties

Insulating value:

| | |
|--|--|
| 1.5" (35 mm) = R – 07.40 (RSI – 1.30) | 2.0" (50 mm) = R – 10.40 (RSI – 1.83) |
| 2.5" (64 mm) = R – 13.50 (RSI – 2.38) | 3.0" (76 mm) = R – 16.70 (RSI – 2.94) |
| 3.5" (89 mm) = R – 19.50 (RSI – 3.45) | 4.0" (102 mm) = R – 22.50 (RSI – 3.98) |
| 4.5" (114 mm) = R – 25.50 (RSI – 4.50) | 5.0" (127 mm) = R – 28.50 (RSI – 5.04) |

Coated wood fiberboard density of 16 lb/ft³ (256 kg/m³)

Polyisocyanurate foam insulation board density of 2.0 lbs/cu.ft. (0.032 g/cm³)

Features

Combines hot asphalt compatible wood fiberboard with high performance of polyisocyanurate foam, reducing on-site labour and assuring quality bond between all layers.

Limitations

Do not expose the **ProtecF Composite System by ModulRTS** 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

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