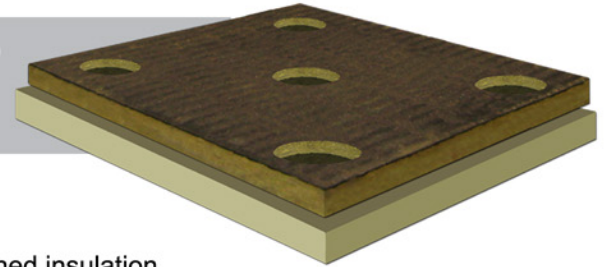


Technical Data Sheet

Rev. Date: May 11, 2010

ProtecRSS COMPOSITE SYSTEM with THERMOCHEC option



The **Thermochec Option** is the solution to a significant problem associated with mechanically attached insulation assemblies. Screws and plates are ideal thermal bridges across insulation systems. The **Thermochec Option** effectively stops this thermal bridging, eliminating condensation on fasteners. The **ProtecRSS Composite System with Thermochec Option** by ModulR TS consists of a 1" (25.4 mm) rigid mineral wool fiber board with a minimum **actual** density (ASTM C612-09) of 11 lb/ft³ (176 kg/m³), having 6" diameter plugs removed for fastener placement bonded to the top of a closed cell, polyisocyanurate foam insulation board. Once the fasteners are applied the plugs are then adhered in place with **Thermochec** adhesive, effectively isolating the fastener and plate, avoiding thermal bridging problems. This option also provides protection for the waterproof membrane from fastener back out. The rigid mineral wool fibre board is manufactured from basalt rock and steel slag having a melting point of approximately 2150°F (1177°C), with a bitumen saturated and lightly sanded surface and serves as the overlay/protection board. The closed cell polyisocyanurate foam insulation board is covered with an organic/inorganic felt. An environmentally friendly product, the **ProtecRSS Composite System with Thermochec Option** by ModulR TS is CFC and HCFC free.

Applications

The **Thermochec Option** is intended for steel or wood roof decks.

Dimensions

4' X 4' sheets
1220 mm X 1220 mm

Limitations

Do not expose the **ProtecRSS Composite System with Thermochec Option** by ModulR TS to weather during shipment, storage or installation. At completion of day's work, seal all exposed edges. Insulation is not intended for any application other than mechanical attachment. 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.