

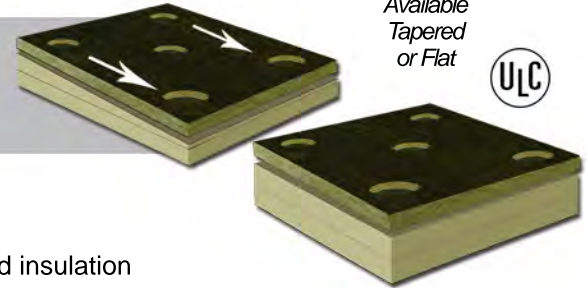
## Technical Data Sheet



Available  
Tapered  
or Flat



### ProtecRSS COMPOSITE SYSTEM with THERMOCHEC option



The **Thermochech 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 **Thermochech Option** effectively stops this thermal bridging, eliminating condensation on fasteners. The **ProtecRSS Composite System with Thermochech 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/ft<sup>3</sup> (176 kg/m<sup>3</sup>), having 6" diameter plugs removed for fastener placement bonded to the top of one or more closed cell, polyisocyanurate foam insulation board(s). Once the fasteners are applied the plugs are then adhered in place with **Thermochech** 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(s) is/are covered with an organic/inorganic felt. An environmentally friendly product, the **ProtecRSS Composite System with Thermochech Option** by ModulR TS is CFC and HCFC free.

(Please refer to the ProtecRSS Composite System technical data sheet for a complete list of ProtecRSS Composite System technical data.)

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|---------------------|---|
| <b>Applications</b> | The <b>Thermochech Option</b> is intended for steel or wood roof decks.   |
| <b>Dimensions</b>   | 4' X 4' sheets (1220 mm X 1220 mm)<br>Tapered product slope: 1% (1/8"), 2% (1/4"), 4% (1/2") or greater available upon request.   |
| <b>Limitations</b>  | Do not expose the <b>ProtecRSS Composite System with Thermochech Option</b> 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.