It is suggested that a waterproof membrane or covering is applied as a weather barrier. The material offers highest levels of insulation properties. PIR foams are the preferred insulation material used in developed countries and have been used for over 50 years.

LAMBDABOARD® is the ideal choice for inverted roof insulation, often allowing extended life expectancy on aging steel roofing systems and brining buildings within the SANS 10400XA requirements. LAMBDABOARD® is durable and can withstand moderate foot traffic. For high volume foot traffic it is advisable to use Lambdaguard as a protective layer.

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INVERTED ROOF INSULATION

INSULATION
LAMBDABOARD® has the best insulation values available per mm. This allows for the use of a thinner board, while still complying to the thermal requirements. A stagger pack is advisable should the required thickness exceed 80 mm; this reduces the possibility of thermal bridging on the joints.

APPLICATIONS
- Durable outer protection on insulation medium under floor
- Inverted roof
- Suitable for stone ballast
- Torch on waterproofing
- Loose lay / TPO membranes

INSTALLATION
- The existing roof system must be cleaned and free of contamines.
- LAMBDABOARD® must be tightly packed on the roof and secured using a PU adhesive or mechanical fastener (or both).
- Depending on foot traffic requirements LAMBDAGUARD® can be used as a protective layer.
- A suitable waterproofing system must be applied as a weather barrier.

SPECIFICATION FOR BOQ
LAMBDABOARD® is a laminated polyisocyanurate core board with a minimum core density of 34 kg/m³, a minimum thickness of _____ mm; faced with _____ and laminated on both sides. Suppliers fixing details supplied in widths of 1220 mm. To be fixed above rigid insulation using a mechanical fastener or PU adhesive.