

Bauder Total Roof System

BTRS FOR GREEN LANDSCAPING

Superior performance SBS modified elastomeric waterproofing system is based upon our renowned Bauder Total Roof System incorporating Bauder Plant-E cap sheet that is proven for long-term root resistance against the FLL's stringent testing. The Bauder VB4 Expal Vapour Barrier also provides temporary waterproofing, allowing internal works to continue within the building.

The system provides unrivalled reliability, performance and durability and is suitable for all types of green roof landscaping options.



Bauder Plant E Cap Sheet is a chemically treated, root resistant torch bonded, elastomeric bitumen cap sheet featuring a spunbond polyester reinforcement.

Bauder G4E Underlayer is a heavy-duty elastomeric bituminous membrane with 200m/m² woven glass fibre reinforcement, which ensures an extremely high tensile strength of greater than 1200N/50mm.

BauderPIR Flatboard Insulation is highly thermally efficient, lightweight, fire resistant and zero ODP rated. The insulation has mineralized glass fibre facings on both sides applied to enable it to receive the torch applied underlayer.

Bauder VB4 Expal Vapour Barrier is a heavy-duty torch bonded elastomeric membrane incorporating tear resistant aluminium lining to ensure complete impermeability against water vapour.

When to Specify

When a green roof landscaping is required, a root resistant cap sheet is imperative to prevent the plants penetrating into the waterproofing system. The Bauder Plant E Cap Sheet incorporates a chemical root inhibitor to ensure the integrity of the system.

In situations of intensive green roofing where trees are to be incorporated, the heavy duty option uses Root Bar as the cap sheet which provides both chemical and mechanical root resistance with its additional copper foil core.