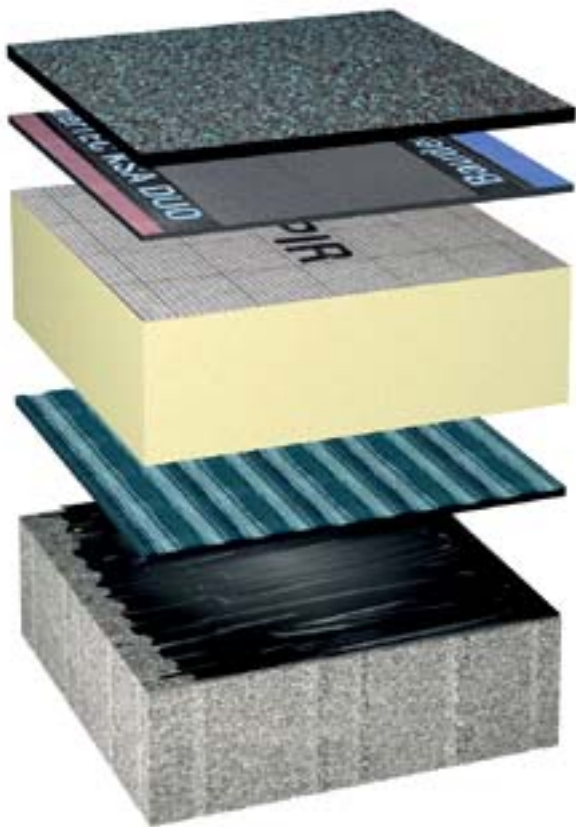


Bauder Total Roof System

BTRS DUO

This system was introduced to the UK in 2004 after years of successful trials in Germany. The system features self-adhesive technology along with the patented 'DUO' lap system to provide securely welded laps whilst reducing installation time. The requirement for a bitumen pot is eliminated and the amount of naked flame required to install the membranes is greatly reduced. This system was the winner for the award for 'Product Excellence' in 2006 Flat Roofing Alliance National Reinforced Bitumen Membrane Awards.



Bauder K5K Cap Sheet is a torch bonded, heavy duty SBS elastomeric bitumen membrane featuring a spunbond polyester reinforcement with expandable graphite fire retardant.

BauderTEC KSA DUO Underlayer is a self-adhesive elastomeric bituminous membrane with glass lattice reinforcement, incorporating the 'DUO' lap technology.

BauderPIR FA-TE Insulation is extremely thermally efficient, lightweight, fire resistant and zero ODP rated. The insulation is foil-faced on both sides for increased thermal efficiency. As an alternative, **BauderPIR Tapered Insulation** can be used to provide improved drainage falls.

BauderTHERM DS1 DUO Vapour Barrier is a self adhesive membrane incorporating patented 'DUO' lap technology. Its upper surface has a torch activated bituminous bonding compound for the adhesion of the insulation.

The patented 'DUO' membrane laps are heat sealed with a gas torch. A Bauder long handled roller is used to apply pressure to the join to extrude a bitumen bead, providing a homogenous bonded layer across the whole roof.

When to Specify

The system is equally suited to either new build or refurbishment projects. This is the safety conscious option as there is no requirement for hot bitumen and the use of the self-adhesive vapour barrier and underlayer means that the requirement for naked flame is minimised. The foil facing on the insulation means that a 90mm board achieves a 'U' value of 0.25W/M²K. of individual projects.