

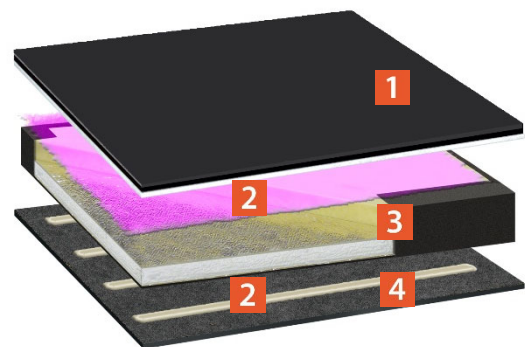
Single Ply warm roof adhered with VIP insulation

BauderTHERMOFOL PVC Single Ply System

Adhered, warm roof, single ply membrane waterproofing system suitable for new build, refurbishment and extensive green roof applications. A range of membrane colours are available.

	Function	Product name	Thickness (mm)	Weight (kg/m ²)
1	Waterproofing	BauderTHERMOFOL U 15 V FR	3.5	2.0
2	Insulation & membrane attachment method	Adhered	Nominal	Nominal
3	Insulation (0.13)	BauderVIP TE Flatboard*	80	17
4	Air and vapour control layer (AVCL)	BauderTEC KSD FBS	2.5	2.5
System Build-up			86.0	21.5
In-depth and up-to-date product specific technical data is available for each element within a system. Download from our website bauder.co.uk/technical-centre				

Warm roof indicative build-up



*VIP TE Insulation based on 80mm VIP TE with PIR FA-TE at infills and perimeters utilising 80% VIP TE and 20% FA-TE to achieve approximately 0.13 U Value. A project specific VIP TE design would be required to confirm exact U Value achieved.

Characteristics of the system

- Flame free installation using hot air welding
- Light weight membrane, typically 2-3kg/m²
- High performance halogen-free fire retardant
- Approved for green roof landscaping by FLL
- Comprehensive guarantee packages to meet project requirement

System summary



Accreditations and approvals



System variations are available to the specifier so that a tailored solution meets the needs of the building. The selection of products should be confirmed with our technical department to ensure suitability for the individual construction requirements of the flat roof.




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OPTIONS AVAILABLE

In-depth and up-to-date product specific technical data is available for each component within a system.

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Membrane finish colours			
	Anthracite (RAL 7016)	Blue Grey (RAL 7031)	Light Grey (RAL 7035)

Membrane AVCL alternatives	Thickness (mm)	Weight (kg/m ²)
BauderTEC DBR 06	0.6	0.7
BauderTEC KSD Foil	1.5	1.8

BauderVIP TE Flatboard Insulation thickness	Approx. 'U' VALUE (W/m ² K)	Weight (kg/m ²)
60mm**	0.18	13
80mm**	0.13	17

Approx. 'U' VALUE (W/m²K) assuming concrete or timber deck and does not take into account any materials below the deck

** Based on ratio of 80% VIP TE & 20% FA-TE. A project specific VIP TE design would be required to confirm exact U Value achieved.

System fire performance

The system arrangements tested, verified, and that achieve industry standards for fire performance are defined in the relevant BBA certificate. Please ensure you are aware of which permutations currently have a stated performance against fire by viewing and downloading the BBA certificate from our website

bauder.co.uk/technical-centre

Bauder continually tests its systems for fire performance and so if the permutation of products you are specifying is not stated in our latest BBA certificate, please contact technical@bauder.co.uk for clarification.