System summary

Single Ply warm roof adhered with DensDeck Prime cover board & PIR insulation

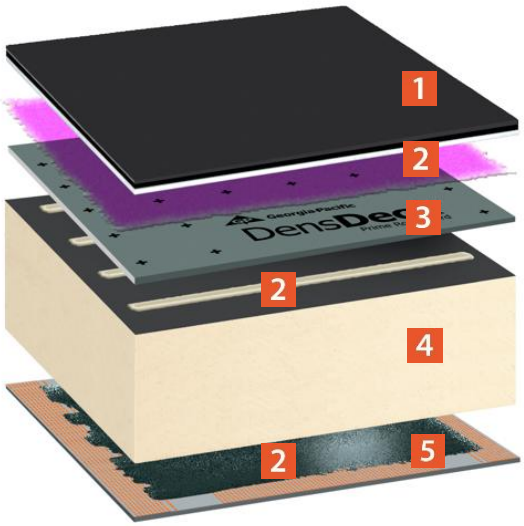
BauderTHERMOFOL PVC Single Ply System

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/m²)
1	Waterproofing	BauderTHERMOFOL U 15 V FR	3.5	2.0
2	Insulation, cover board & membrane attachment method	Adhered	Nominal	Nominal
3	Cover board	DensDeck Prime	7.5	5.9
4	Insulation (0.15)	BauderPIR FA Flatboard	140	4.2
5	Air and vapour control layer (AVCL)	BauderTEC KSD Foil	1.5	1.8
System Build-up			**152.5**	**13.9**

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



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
- Our guarantee offer is clear and concise covering what is included/not included along with the conditions of the guarantee. A sample guarantee for this system is available on request.

Accreditations and approvals

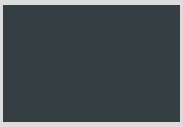
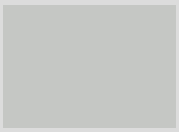
System summary

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.

E: technical@bauder.co.uk
T: 01473 257671

OPTIONS AVAILABLE

In-depth and up-to-date product specific technical data is available for each component within a system. Download from our website bauder.co.uk/technical-centre

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

Membrane AVCL alternatives	**Thickness** (mm)	**Weight** (kg/m²)
BauderTEC DBR 06	0.6	0.7
BauderTEC KSD FBS	2.5	2.5

BauderPIR FA Flatboard Insulation thickness	Approx. 'U' VALUE (W/m²K)	Weight (kg/m²)
120mm	0.17/018	3.6
140mm	0.15	4.2
160mm	0.13	4.8
180mm	0.12	5.4

Alternative insulation to achieve 'U' VALUE 0.15 (W/m²K)	Thickness (mm)	Weight (kg/m²)
BauderPIR FA G16 tapered	140 average	4.2
BauderPIR FA-TE flatboard	140	4.2
BauderROCK flat/tapered	265/265 average	42.4
BauderGLAS flat/tapered	240/240 average	24.0

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

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.