System summary

BAUDER
making roofs secure.

Liquid applied warm roof covering system - cold applied

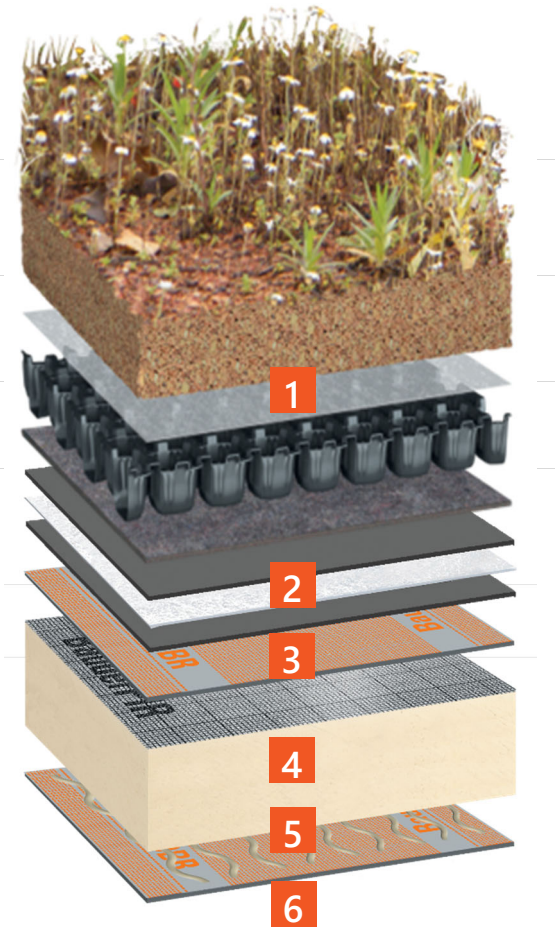
Bauder LiquiTEC Green Roof System

Two coat PMMA waterproofing with polyester fleece reinforcement, cold applied liquid, warm roof system suitable for extensive and intensive green roofs in new build and refurbishment applications. The LiquiDEK system provides tough, seamless root resistant waterproofing. A range of colour finishes are available for exposed details. Can also be used in cold and inverted roof scenarios.

	Function	Product name	Thickness (mm)	Weight (kg/m²)
1	Indicative Bauder Green Roof	Bauder Extensive or Intensive Green Roof systems – please refer to specification	Project specific	Project specific
2	Waterproofing	Bauder LiquiDEK applied in 2 coats, reinforced with 110g Reinforcement Fleece	2	3.11
3	Carrier membrane	BauderTEC DBR 06	0.6	0.6
4	Insulation (0.15)	BauderPIR FA-TE	140	4.2
5	Insulation attachment method	Bauder Activator-Primer (Canister)	nominal	nominal
6	AVCL	BauderTEC DBR 06	0.6	0.6
	Primer	Varies depending upon substrate type – please refer to specification	nominal	nominal
System Build-up (excluding green roof)			**143.2**	**8.51**

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



System summary

Characteristics of the system

- Quick curing polymethylmethacrylate system
- Root resistant waterproofing
- Seamless cold applied liquid
- Solvent, halogen and isocyanate free
- Comprehensive guarantee packages to meet project requirements.

Accreditations and approvals

BBA APPROVAL INSPECTION TESTING CERTIFICATION
CERTIFICATE 14/5152

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. Download from our website bauder.co.uk/technical-centre

Membrane finish colours for exposed details if required. **LiquiDEK and LiquiDETAIL is Blue Grey (RAL 7031) as standard.**	**Blue grey RAL 7031**	**Stone grey RAL 7030**	**Traffic grey RAL 7043**

Alternative AVCL	**Thickness** (mm)	**Weight** (kg/m^2)
BauderTEC KSD FBS	2.5	2.5

System summary

FA-TE Insulation thickness	Approx. 'U' VALUE (W/m²K)	Weight (kg/m²)
120mm	0.17/0.18	3.6
140mm	0.15	4.2
180mm (120 + 60)	0.12	5.4
190mm (160 + 30)	0.11	5.7

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

Alternative insulation to achieve 'U' VALUE 0.15 (W/m²K)	Thickness (mm)	Weight (kg/m²)
BauderPIR FA G16 Tapered	140 (average)	4.2 (average)
Bauder VIP TE Flatboard***	80	Varies
BauderROCK Flatboard	255 (150 + 105)	40.8
BauderGLAS Flatboard	230 (130 + 100)	23

***VIP TE Insulation based on 80mm VIP TE with PIR FA-TE at infills and perimeters utilising 70% VIP and 30% FA-TE to achieve approx.. 0.14 U Value. 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.