

Flat Roof Systems
BauderTHERMOFIN – FPO Waterproofing System



Pitched Roof Systems



Flat Roof Systems



Green Roof Systems

BauderTHERMOFIN

Roofing membrane with glass mat reinforcement The system for universal application

BauderTHERMOFIN sets new standards for synthetic roofing membranes in terms of workability and ecological benefits

The membrane structure allows for universal application both as a mechanically fixed system and when laid under a superimposed load. The membrane may be welded safely and easily within a wide temperature range.

Thanks to the basic material FPO-PP, the ecological properties are outstanding. The membrane is free from plasticisers, heavy metals, chlorine and other halogens.

BauderTHERMOFIN waterproofing membranes

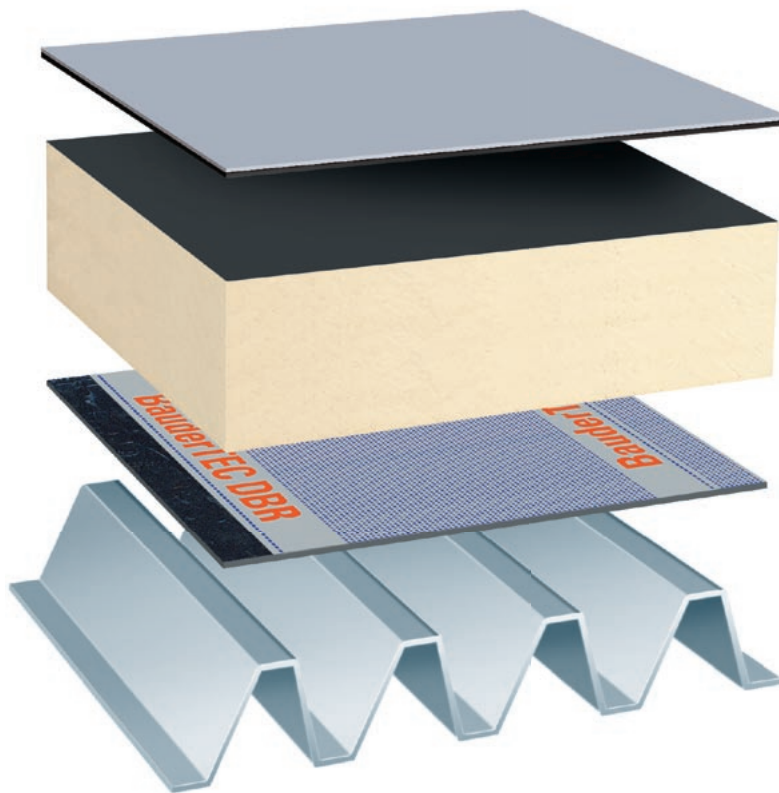
These new, high-grade roofing membranes are made in one step using modern extrusion techniques, and are equipped with a reinforcement of glass mat. The roofing membranes are laid loose and welded at the joints using hot air. Resistance to wind suction is provided by mechanical fastening or through a superimposed load.

BauderTHERMOFIN dimensions

The roofing membranes are available in a width of 1.5 m and in thicknesses of 1.2/1.5/1.8/2.0 mm. The standard colour of the upper side is silver-grey, while the reverse is black.

BauderTHERMOFIN protection against fire

The roof system meets the requirements of standard $B_{\text{roof}}(t1)$ and fire class E. When laid direct on various substructures. For enhanced protection against fire we offer the top-quality FPO waterproofing system BauderTHERMOPLAN.



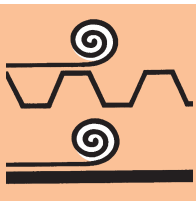
1	Waterproofing top layer	BauderTHERMOFIN
2	Insulation material	BauderPIR FA
3	Vapour barrier	BauderTEC DBR
4	Understructure	Trapezoidal sheet metal





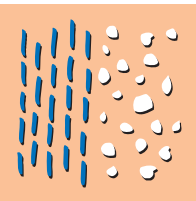
Reliable and safe to apply

The combination of the high-quality material FPO and the carefully chosen special membrane reinforcement make possible a large welding window with low energy consumption. BauderTHERMOFIN may be welded with hot air in the range 350-460°C.



Scope for universal application

BauderTHERMOFIN is designed for loose laying with mechanical fixing or under a layer of gravel or a terrace covering. The sheets are compatible with bitumen, and are therefore suitable for both new build and refurbishment.



Proven durability

Based on the well-known and proven material combination of flexible polyolefins (FPO), BauderTHERMOFIN is equipped for a long life, with constant functional properties throughout.



Good ecological benefits

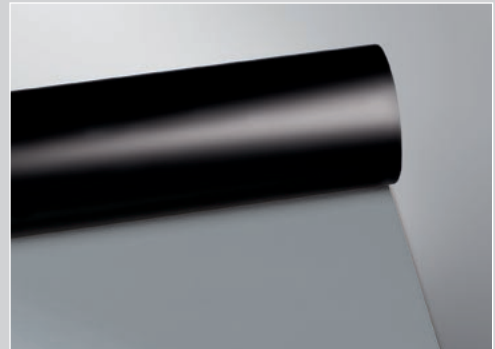
The basic concept of the top-quality BauderTHERMOPLAN roofing membrane has also been applied to BauderTHERMOFIN. The product is free from plasticisers, halogens and heavy metals. At the end of their useful life, the roofing sheets may be recycled or used to provide energy.



Full range of system components

BauderTHERMOFIN is available in all the usual thicknesses. System accessories to create a fully functional waterproofing are available accordingly. There is full compatibility with the proven BauderTHERMOPLAN system.

BauderTHERMOFIN Waterproofing System



■ BauderTHERMOFIN F12/F15/F18/F20

Synthetic roofing membrane with glass mat reinforcement

■ BauderTHERMOFIN F TL

Non-reinforced roofing membrane

■ BauderTHERMOFIN - Moulded parts



■ BauderTHERMOFIN - Composite sheet



BauderTHERMOFIN is compatible with BauderTHERMOPLAN

BauderTHERMOFIN

Technical Data

BauderTHERMOFIN	F 12	F 15	F 18	F 20	F TL
Material	FPO-PP	FPO-PP	FPO-PP	FPO-PP	FPO-PP
Colour	Silver-grey	Silver-grey	Silver-grey	Silver-grey	Silver-grey
Reinforcement	Glass mat	Glass mat	Glass mat	Glass mat	-
Thickness	1.2 mm	1.5 mm	1.8 mm	2.0 mm	1.5 mm
Roll width	0.5 / 0.75 / 1.5 m	0.5 / 0.75 / 1.5 m	0.5 / 0.75 / 1.5 m	0.5 / 0.75 / 1.5 m	0.5 / 1.5 m
Roll length	25 m	20 m	20 m	20 m	10 m
Supplied as:	16 rolls/pallet	16 rolls/pallet	16 rolls/pallet	14 rolls/pallet	Separate rolls
Item/order no.	Width 1.50 m: 6812 0150 Width 0.75 m: 6812 0075 Width 0.50 m: 6812 0050	Width 1.50 m: 6815 0150 Width 0.75 m: 6815 0075 Width 0.50 m: 6815 0050	Width 1.50 m: 6818 0150 Width 0.75 m: 6818 0075 Width 0.50 m: 6818 0050	Width 1.50 m: 6820 0150 Width 0.75 m: 6820 0075 Width 0.50 m: 6820 0050	Width 0.50 m: 6800 0050 Width 1.50 m: 6800 0150



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All information in this brochure is based on latest developments. We reserve the right to make alterations. If applicable, please enquire at the time of ordering about the latest technical information.

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