

POLYFIN[®]

THE FPO/TPO SEALING MEMBRANE



ECOLOGICAL

FLEXIBLE

COLOURED


POLYFIN AG
Flachdachtechnologie der Zukunft

POLYFIN® – THE FPO/TPO SEALING MEMBRANE

Polyfin® is a high-quality plastic sheet made of flexible polyolefins (FPO), which is also suitable from an ecological perspective for environmentally friendly and outstandingly practical and craftsman-friendly processing.

Polyfin® is a high-quality "high-end" product that also stands out visually thanks to its variety of colours. Due to its bitumen and polystyrene compatibility, Polyfin is ideally suited for both new builds and renovations

Ecology and sustainability play an important role in modernisation and new construction projects, especially today. For this reason, ecological building materials are becoming increasingly important.

Polyfin® can be used for all flat roof constructions and installation methods as well as for waterproofing in various areas of structural waterproofing.

Our environmental product declarations in accordance with ISO 14025 and EN 15804, issued by the Institut für Bauen und Umwelt e.V. (IBU), show that you have made the right ecological choice with Polyfin®.

AS INDIVIDUAL AS YOUR REQUIREMENTS - PRODUCT ADVANTAGES OF POLYFIN® THAT WILL TAKE YOU FURTHER

ecological

Polyfin® is manufactured ecologically, i.e. environmentally harmful components such as plasticisers and halogens such as chlorine and bromine are not used in production. No toxic or hazardous substances are released during the seam joining process either. No solvents are required to pre-treat the weld seams. With Polyfin® you are using a product that is root-resistant according to the relevant test procedures. Polyfin® is PVC-free.

flexible

A particular advantage of Polyfin® is its outstanding flexibility. Its outstanding adaptability makes it much easier to work with. Outstanding physical and mechanical properties make Polyfin® a unique product that is unrivalled in the group of synthetic roofing membranes. Polyfin® membranes are highly resistant to all environmental influences. Climate change is leading to increasingly extreme weather events such as storms, hail and extreme temperatures, which have a direct impact on roof waterproofing. Polyfin® has the optimum properties to provide buildings with maximum protection against these influences in the future.

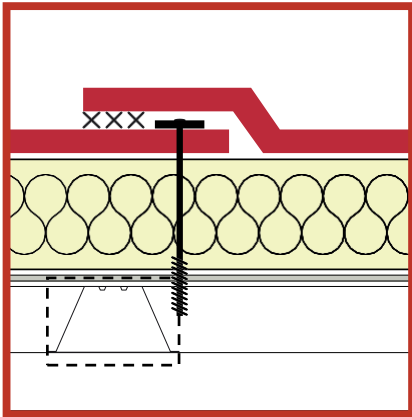
coloured

Polyfin® is not only very flexible due to its product properties, but also gives you a lot of creative freedom in your work. In addition to our standard colours, we offer a wide range of special colours. This opens up many new possibilities for you in the design of your projects.

COMPATIBLE WITH BITUMEN AND POLYSTYRENE - ROOT-RESISTANT ACCORDING TO THE EN 13948 METHOD - TESTED RESISTANCE TO FLYING SPARKS AND RADIANT HEAT FOR STANDARD ROOF STRUCTURES - SIMPLE INSTALLATION AND PROCESSING - NO SUBSEQUENT SEALING OF THE SEAM EDGES REQUIRED

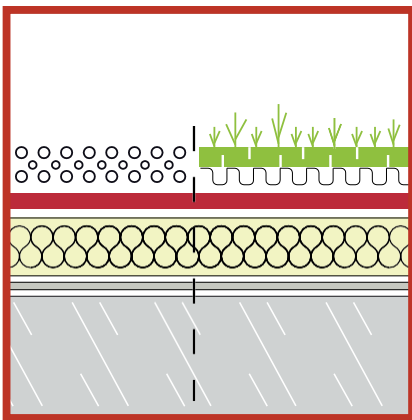
LET THE NUMEROUS APPLICATION POSSIBILITIES OF POLYFIN® CONVINCING YOU

ECONOMICAL SOLUTIONS FOR EVERY ROOF STRUCTURE



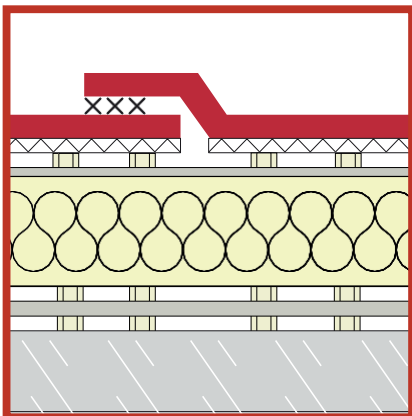
MECHANICALLY FASTENED

- Polyfin® 3020
- Polyfin® 3018
- Polyfin® 3025



LOSE LAID WITH BALLAST

- Polyfin® 3020
- Polyfin® 3018
- Polyfin® 3015
- Polyfin® 3025
- Polyfin® 4015v
- Polyfin® 4018v
- Polyfin® 4020v



BONDED APPLICATION

- Polyfin® 4015v*
- Polyfin® 4018v*
- Polyfin® 4020v*

* Can be bonded directly to EPS on concrete substructures, within the scope of the applicable Broof (t1) classification report.



Technical data	Polyfin® 3025 With glass fleece reinforcement	Polyfin® 3020, With glass fleece reinforcement	Polyfin® 3018, With glass fleece reinforcement	Polyfin® 3015, With glass fleece reinforcement
Standard – without fleece backing				
Lose laid with ballast, incl. roof garden system build up's	●	●	●	●
Mechanically fastened	●	●	●	●
Adhesive bonding - stripes	—	—	—	—
Fully bonding	—	—	—	—
Self adhesive bonding	—	—	—	—
Effective thickness in mm	2,5	2,0	1,8	1,5
Width in mm	2100 / 1500 / 1050 / 750 500 / 350 / 250	2100 / 1500 / 1050 / 750 500 / 350 / 250	2100 / 1500 / 1050 / 750 500 / 350 / 250	2100 / 1500 / 1050 / 750 500 / 350 / 250
Length in m per roll	20	20	20	20

Technical data	Polyfin® 4020v with glass fleece reinforcement, bottom sided fleece backing and fleece free selvedge on both sides	Polyfin® 4020v with glass fleece reinforcement, bottom sided fleece backing and fleece free selvedge on both sides	Polyfin® 4020v with glass fleece reinforcement, bottom sided fleece backing and fleece free selvedge on both sides
With fleece backing			
Lose laid with ballast, incl. , roof garden system build up	●	●	●
Mechanically fastened	●	●	●
Adhesive bonding - stripes	●	●	●
Fully bonding	●	●	●
Effective thickness in mm	1,5	1,8	2,0
Width in mm	1500	1500	1500
Length in m per roll	15	15	15





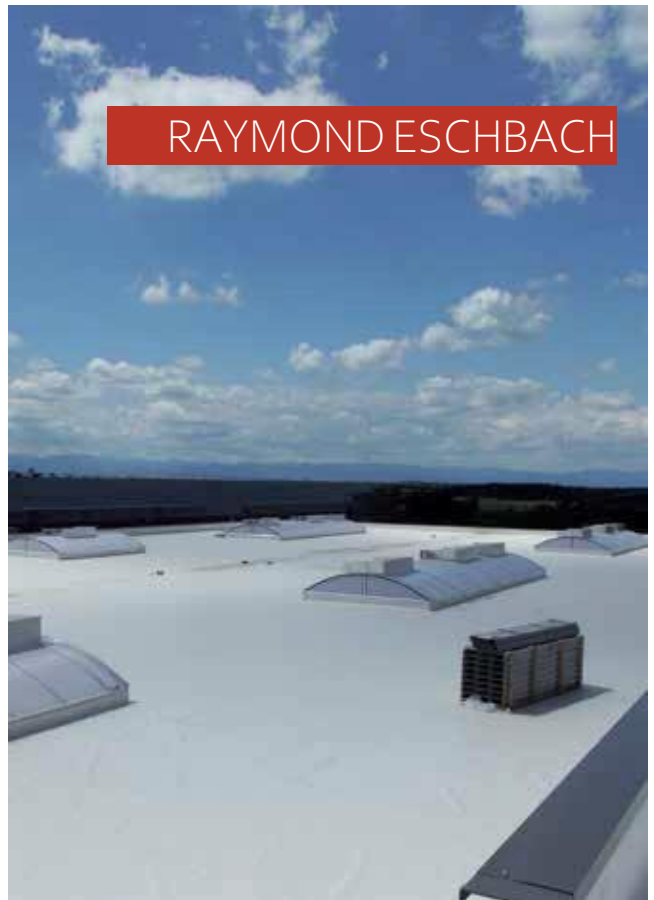
EUROHUB FRANKFURT



SCHILLERSCHULE WALLDORF



HAUS DER BERGE



RAYMOND ESCHBACH



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