

Euraplan®

UV-Resistant PVC Membrane



We make the difference.
The Elmich Difference.



Resistance to ageing



High vapour transmission



High tensile strength

Euraplan® is a UV-resistant PVC-based waterproofing membrane that is reinforced with a polyester fibre mesh, to bolster the membrane's strength and elastic capabilities.

Euraplan®, attributing to the membrane's outstanding resistance to weathering and permanent UV irradiation, can be utilised as an exposed waterproofing membrane. Thus the membrane may be installed on flat roofs and decking areas for both exposed and concealed applications.

Euraplan® boasts a high resistance to ageing, tensile strength and vapour permeability, which makes it excellent for a variety of climates, and the membrane meets the fire performance standards of the European Union.

Euraplan® meets DIN 4062 standards for root resistance which makes it an excellent choice for vegetated/green roofs.

Technical Specifications

	Test Method	Typical Value
Max tensile force		
- longitudinal & transversal	EN 12311-2	>900 N/50 mm
Elongation at break		
- longitudinal & transversal	EN 12311-1	>200%
Joint shear resistance	EN 12317-2	>800 N/50 mm
Tear resistance	EN 12310-1 EN 12310-2	>100 N
Dimensional stability	EN 1107-2	<1.0%
Durability (UV exposure, high temperature and water)	EN 1297	Passed
Water vapour permeability	EN 1931	20,000 μ
External fire performance	EN 13501-1	Class B _{ROOF} (t1) + (t3)
Root resistance	DIN 4062	Passed



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Note The information provided in this brochure is based on current knowledge and experience and does not infer any legally binding assurance or warranty, expressed or implied. Intending purchasers should verify whether any changes to specifications or applications or otherwise have been made since the issue of this literature. Environmentally-friendly recycled materials are used in product manufacture wherever possible. Physical product properties including colour may differ due to source of raw materials used. Colour may also fade due to UV exposure. All components of the product are designed for specific application, design calculations and any variation and/or deviation therefrom shall be the responsibility of the specifier and/or user.