



NovoProof® DA-FG
backed with glass fibre



The Original

powered by



NovoProof® DA-FG backed with glass fibre

This EPDM membrane achieves outstanding material properties through a special production process. The glass fibre is applied onto unvulcanised NovoProof® EPDM rubber during an ongoing process. Both components then go through the vulcanisation process, from which a permanent bonding is created that can only be destroyed by strong forces.

The patent pending NovoProof® DA-FG achieves extremely high design loads in the wind uplift test and is thus the answer to the increasingly stringent requirements on roofing membrane products.

The glass fibre improves simultaneously the fire performance of the membrane. With a slim material structure, NovoProof® DA-FG can be laid directly on the unbacked EPS insulation boards, while it still fulfils the requirements of hard roofs (Broof t1). An additional layer of glass fleece can therefore be saved, as otherwise may be necessary. It saves working time and protects resources.

Areas of application

- ✓ All flat roofs with substructure made of wood, wood-based panels, concrete, lightweight concrete, foam concrete and trapezoidal sheet
- ✓ For new construction with / without ballast
- ✓ Special roof types (barrel-roof, saw-tooth roof, mono-pitched roof, and saddle roof)
- ✓ Balconies, terraces
- ✓ Direct application on the unbacked EPS insulation boards without additional glass fleece layer
- ✓ On all conventional insulation materials, such as PUR/PIR, mineral fibre
- ✓ Direct application on unisolated, level, smooth concrete or screeds
- ✓ Direct application on wood-based panels (additionally as protective strips over expansion joints)
- ✓ Connections in areas such as parapets, projecting building components and roof penetrations

Advantages of DA-FG

Product advantages

- ✓ 100 % ozone and UV resistant
- ✓ Excellent ageing behaviour
- ✓ Flexible from -40°C to +120°C
- ✓ Hail impact resistant
- ✓ Environment friendly
- ✓ Extremely long service life: over 50 years
- ✓ No delamination possible as in e.g. multiple-layer structured sealing membranes
- ✓ Classification Broof (t1) and Broof (t3) according to DIN EN 13501-5 with mechanically attached system
- ✓ The first and only single-layer EPDM membrane structure with glass fibre
- ✓ Flame retardant, with no use of environmentally harmful flame retardant agents
- ✓ Root-resistant, with no use of hazardous herbicides.



DA-FG Installation and technical data

Installation

The elastomer membranes for roof sealing are made of ethylene-propylene-dien-terpolymer (EPDM). The delivered products are fully vulcanised and backed with glass fibre. The edges can be

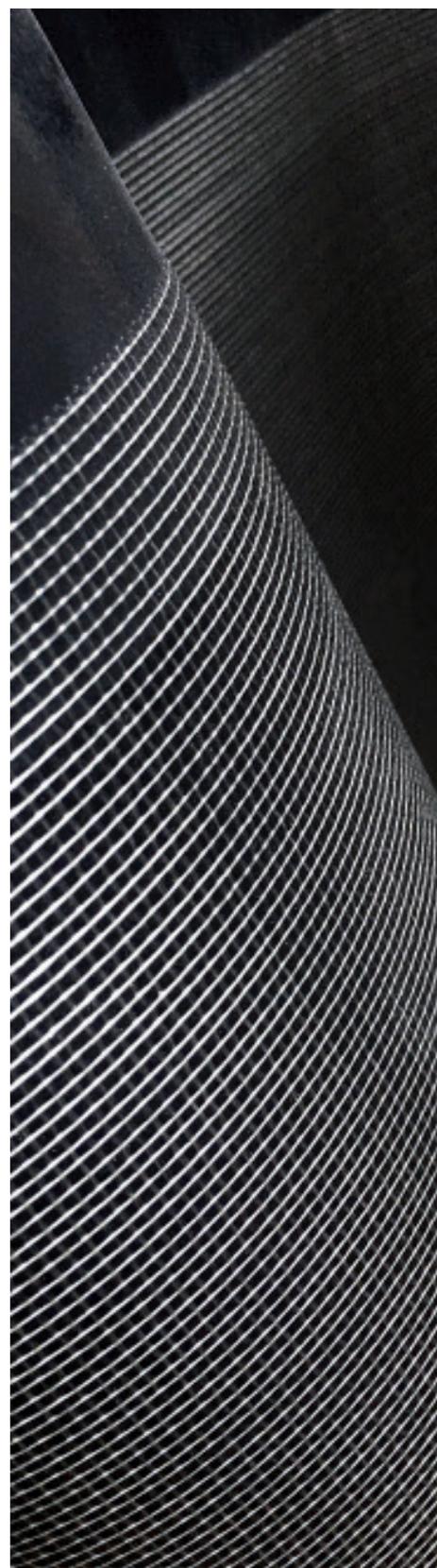
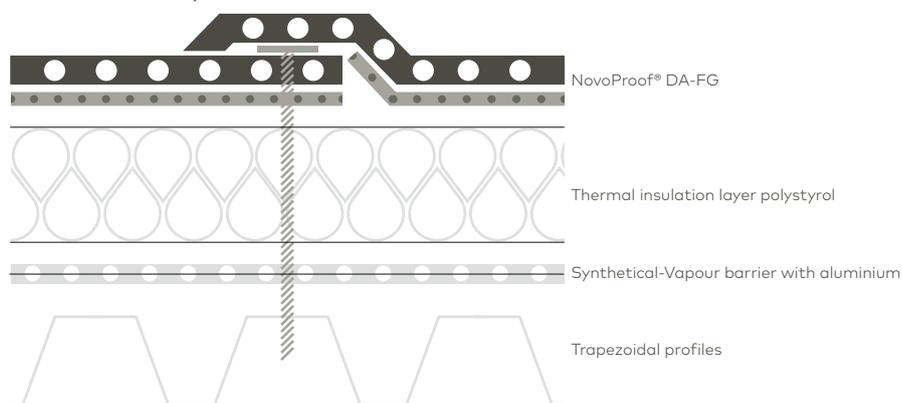
welded mechanically or manually with hot-air by means of ThermoFast® Welding Technology, under building-practical conditions down to approx. -10°C.



Technical data

Material	EPDM-rubber
Designation	Waterproofing membrane backed with glass fibre in accordance with EN 13956 and EN 13967
Delivery form	Membrane
Nominal thickness	1,3 mm
Width	1,3 m with ThermoFast® Welding Edge on both longitudinal sides of membrane 0,65 m with ThermoFast® Welding Edge on one longitudinal side of membrane
Length	20m
Colour	black
Weight	Surface weight approx. 1,850 g/m ² Weight of the roll product approx. 41 kg

NovoProof® DA-FG backed with glass fibre Mechanically attached







Contact

Phone: +49 6874 69 386

Fax: +49 6874 69 449

E-Mail: novoproof@saargummi.com

Managing Director: Udo Bächler

Publisher

DuraProof technologies GmbH

Eisenbahnstr. 24

66687 Wadern-Büschfeld

Deutschland

Responsible for contents and products

SaarGummi Construction GmbH

Saarbrücker Straße 221 b

66679 Losheim am See



