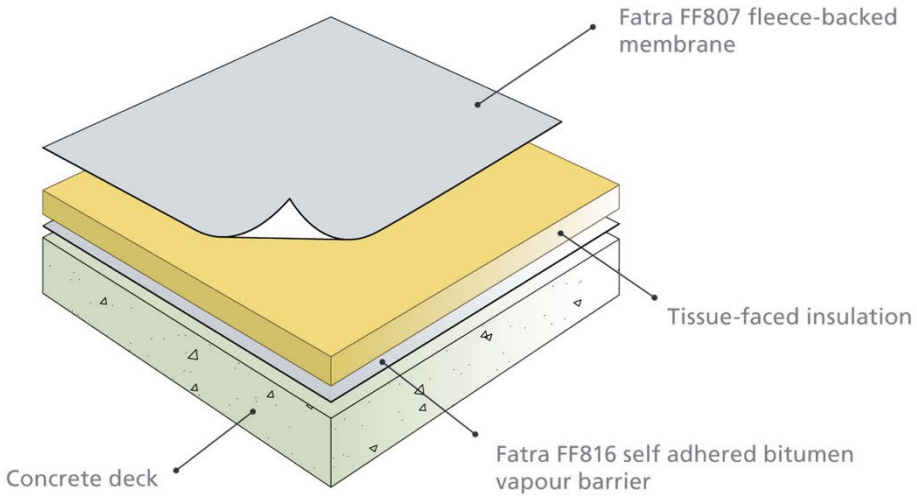
Fatra FF807 & FF807V Membrane

Product Description

Fatra FF807 is a high performance, PVC-P roof waterproofing membrane with a non-woven polyester fleece-backing designed for use as a fully adhered waterproofing covering on flat or pitched roofs. One long edge of the FF807 includes a fleece free selvedge to enable hot air welding to the adjacent sheet.

FF807 is available in two variants: **FF807V** is a 1.65 m wide version which has a 180 g/m^2 fleece backing and is designed for new build projects where the fleece acts to enhance the bond between the membrane and the new insulation board. **FF807** is a 1.3 m wide roll suitable for refurbishment projects where the 300 g/m^2 fleece acts as a separation layer over existing felt roofing or asphalt.

The Fatra fully adhered system consists of the FF807 roofing membrane in conjunction with the appropriate adhesives and primers to bond each layer of the build-up to the adjacent layer. This system can be used in a warm or cold roof application and over a range of substrates including concrete, plywood or profiled metal decking.



Fatra FF807 Roof Membranes

- High Performance, PVC-P Fleece-backed Membrane
- Adhered using FF859 Adhered Membrane Adhesive
- 180 g/m^2 geotextile fleece backing (FF807V)
- 300 g/m^2 geotextile fleece backing (FF807)
- ISO 9001 Quality Management accredited
- ISO 14001 Environmental management accredited
- British Board of Agrément Certificate No. 04/4079
- BBA Durability Accreditation of in excess of 30 years
- Fire Testing to BS 476 & BS EN 13501-5
- Green Guide rating of A+
- BRE Eco-points Rating
- FLL Root Resistance Certification

Standard Characteristics

Fatra FF807 & FF807V Membrane		
Reference	**Fatra FF807**	**Fatra FF807V**
Standard roll width	1.3 m	1.65 m
Standard roll length	15.4 m	16.0 m
Membrane Thickness	1.5 mm	1.5 mm
Fleece Weight	300 g/m^2	180 g/m^2
Fleece Thickness	1.1 mm	0.5 mm
Total Thickness	2.6 mm	2.0 mm
Area per roll	20 m^2	26.4 m^2
Weight per roll	48 kg	54 kg
Weight per unit area	2.4 kg/m^2	2.04 kg/m^2
Rolls per pallet	20	21

Colour

Fatra FF807 is available in the following colours:

Dark Grey (RAL 7012), Light Grey (RAL 7035), & Anthracite (RAL 7016)

Other RAL Colours are available on request, subject to minimum order.

Packing, Transport & Storage

Fatra FF807 is delivered to site in polyethylene-wrapped rolls, each clearly labelled with product and manufacturer details. Fatra FF807 must be kept covered during transportation and stored in its original sealed packaging. The recommended storage temperature is from -5°C to +30°C. The rolls should be stored horizontally on a clean, dry & level surface and kept under cover until required.

Technical Data

Fatra FF807 (1.3m wide x 15.4m long)		
Characteristic	**Test Standard**	**Result**
Visible Defects	EN 1850-2	Complies
Straightness	EN 1848-2	≤ 50 mm
Flatness	EN 1848-2	≤ 10 mm
Dimensional Stability	EN 1107-2	Maximum ± 1%
Maximum tensile force	EN 12311-2 Method A	≥ 800 N/50mm
Elongation at maximum tensile force		≤ -35° C
Tear Resistance	EN 12310-2	≥ 250 N
Foldability at Low Temperature	EN 495-5	≤ -35° C
Joint Peel Resistance	EN 12316-2	≥ 150 N/50mm
Joint Shear Resistance	EN 12317-2	≥ 650 N/50mm
Water Tightness, 400 kPa	EN 1928 Method B	Complies
Resistance to Static Load	EN 12730 Method B	Complies 20 kg
Reaction to Fire	EN 13501-1	Class E
Impact Resistance	EN 12691 Method A	Complies 1,250 mm
	EN 12691 Method B	Complies 2,000 mm
Exposure to UV Radiation, High Temperature and Water	EN 1297	Complies, Grade 0
Water Vapour Properties - factor μ	EN 1931	8,200 ± 2,000
Mass per unit area	EN 1931	2.2 kg/m^2
Resistance to Root Penetration	EN 13948, FLL Test	Complies

Technical Data

Fatra FF807V (1.65m wide x 16m long)		
Characteristic	**Test Standard**	**Result**
Visible Defects	EN 1850-2	Complies
Straightness	EN 1848-2	≤ 50 mm
Flatness	EN 1848-2	≤ 10 mm
Dimensional Stability	EN 1107-2	Maximum ± 1%
Maximum tensile force, Machine Direction	EN 12311-2 Method A	≥ 700 N/50mm
Maximum tensile force, Cross Direction		≥ 700 N/50mm
Elongation at maximum tensile force, Machine Direction	EN 12311-2 Method A	≥ 80%
Elongation at maximum tensile force, Cross Direction		≥ 80%
Tear Resistance	EN 12310-2	≥ 180 N
Foldability at Low Temperature	EN 495-5	≤ -25°C
Joint Peel Resistance	EN 12316-2	≥ 250 N/50mm
Joint Shear Resistance	EN 12317-2	≥ 700 N/50mm
Water Tightness, 400 kPa	EN 1928 Method B	Complies
Resistance to Static Load	EN 12730 Method B	Complies 20 kg
Reaction to Fire	EN 13501-1	Class E
Impact Resistance	EN 12691 Method A	Complies 1,250 mm
	EN 12691 Method B	Complies 2,000 mm
Exposure to UV Radiation, High Temperature and Water	EN 1297	Complies, Grade 0
Water Vapour Properties – factor μ	EN 1931	10,000 ± 3,000
Mass per unit area	EN 1931	2.12 kg/m^2
Resistance to Root Penetration	EN 13948, FLL Test	Complies

Health & Safety

Fatra FF807 does not constitute a hazard under the COSHH Regulations under normal conditions of use.

Waste Disposal

Fatra FF807 can be disposed of in accordance with local regulations. The clean waste material can be recycled. Any contaminated waste must be disposed of in accordance with local regulations.

Related Documents

- Construction and technologic regulation of roofing waterproofing system FATRAFOL-S (PN 5415/2011)
- Manufacturing control system certificate according to Standard ČSN EN 13956:2006, emitted by CSI, a. s., Prague, workstation Zlín
- Manufacturing control system certificate No. 1390-CPD-0070/10/Z of waterproofing membranes FATRAFOL 807/V according to Standard ČSN EN 13956:2006/AC 2006-06, emitted by CSI, a. s., Prague, workstation Zlín