



ROOFING
SYSTEMS

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Fatrafol FF807 & FF807V Membrane

Product Description

Fatrafol 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. Fatrafol FF807 is accredited with the environmental standard ISO 14001 and manufactured to DIN 16726 & DIN 16734.

Fatrafol FF807 is certified to:

- BBA accreditation in excess of 30 years
- ISO 14001 Environmental management accredited. Registration No. 280241
- ISO 9001 Quality Management accredited. Registration No. 200701
- DIN 16734 Man-made fibre reinforced plasticised polyvinyl chloride (PVC-P) roofing incompatible with bitumen.
- DIN 16726 Plastic roofing and waterproofing sheet; testing.
- C&Mac249;
- SN 64 6223 Plasticised polyvinylchloride (PVC-P) films for construction of barriers to liquid.

Application

The Fatrafol FF807 Roof Covering System is satisfactory for use as a fully adhered roof waterproofing layer on pitched or flat roofs. Fatrafol FF807 has a non-woven textile polyester fleece to the underside of the membrane allowing the product to be fully or partially adhered using a recommended adhesive. Care should be taken when applying the adhesive that the area is well ventilated and operatives should be aware of the COSHH information regarding the adhesive.

Standard Characteristics

There are 3 standard roll sizes available;

Fatrafol FF807 & FF807V Fleece-Backed Membrane			
Reference	Fatrafol FF807	Fatrafol FF807V	Fatrafol FF807V-2.0mm
Standard roll width	1300mm	1650mm	2050mm
Standard roll length	15.4m	16m	13m
Membrane Thickness	1.5mm	1.5mm	2.0mm
Fleece Thickness	1.1mm	0.4mm	0.4mm
Total Thickness	2.6mm	1.9mm	2.4mm
Area per roll	20m ²	26.4m ²	26.65m ²
Weight per roll	48kg	54kg	67kg
Weight per unit area	2.4kg/m ²	2.04kg/m ²	2.52kg/m ²
Rolls per pallet	20	21	21

Colour

Fatrafol FF807 is available in the following standard colours; Dark Grey, Light Grey & Green. Other RAL Colours available on request. (The fleece-backing is always white.)

Packing, Transport & Storage

Fatrafol FF807 is delivered to site in polyethylene-wrapped rolls, each clearly labelled with product and manufacturer details. Fatrafol 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.



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Technical Data

Fatrafol FF807 Fleece-Backed Membrane		
Characteristic	Test Standard	FF807
Visible Defects	EN 1850-2	Complies
Straightness	EN 1848-2	≤ 50mm
Flatness	EN 1848-2	≤ 10mm
Water Tightness to Liquid State, 10 Kpa *	EN 1928 Method B	Complies
Reaction to Fire	EN 13501-1	Class E
Characteristics of Roof Exposed to External Fire	ENV 1187	B _{ROOF} (t4)
Joint Peel Resistance	EN 12316-2	≥ 150N/50mm
Joint Shear Resistance	EN 12317-2	≥ 650N/50mm
Tensile Strength	EN 12311-2	≥ 800N/50mm
Elongation at Break	Method A	≥ 60%
Impact Resistance	EN 12691 Method A	Complies 1,250mm
Impact Resistance	EN 12691 Method B	Complies 2,000mm
Resistance to Static Load	EN 12730 Method B	Complies 20kg
Tear Resistance	EN 12310-2	≥ 250N
Dimensional Stability	EN 1107-2	Max ± 1%
Foldability at Low Temperature	EN 495-5	≤ -35° C
Exposure to UV Radiation, High Temperature and Water	EN 1297	Complies, Grade 0
Water Vapour Properties	EN 1931	8,200 ± 2,000
Resistance to Root Penetration	EN 13948, FLL Test	Complies

* The sample also complies at a pressure of 60kPa

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Technical Data

Fatrafol FF807V / FF807V-2.0mm Fleece-Backed Membrane			
Characteristic	Test Standard	FF807V	FF807V-2.0mm
Visible Defects	EN 1850-2	Complies	Complies
Straightness	EN 1848-2	≤ 50mm	≤ 50mm
Flatness	EN 1848-2	≤ 10mm	≤ 10mm
Water Tightness to Liquid State, 10 Kpa *	EN 1928 Method B	Complies	Complies
Reaction to Fire	EN 13501-1	Class E	Class E
Characteristics of Roof Exposed to External Fire	ENV 1187	B _{ROOF} (t4)	B _{ROOF} (t4)
Joint Peel Resistance	EN 12316-2	≥ 250N/50mm	≥ 280N/50mm
Joint Shear Resistance	EN 12317-2	≥ 720N/50mm	≥ 800N/50mm
Tensile Strength	EN 12311-2 Method A	≥ 800N/50mm	≥ 950N/50mm
Elongation at Break		≥ 80%	≥ 80%
Impact Resistance	EN 12691 Method A	Complies 1,250mm	Complies 1,250mm
Impact Resistance	EN 12691 Method B	Complies 2,000mm	Complies 2,000mm
Resistance to Static Load	EN 12730 Method B	Complies 20kg	Complies 20kg
Tear Resistance	EN 12310-2	≥ 220N	≥ 240N
Dimensional Stability	EN 1107-2	Max ± 0.3%	Max ± 0.3%
Foldability at Low Temperature	EN 495-5	≤ -25° C	≤ -25° C
Exposure to UV Radiation, High Temperature and Water	EN 1297	Complies, Grade 0	Complies, Grade 0
Water Vapour Properties	EN 1931	10,000 ± 3,000	10,000 ± 3,000
Resistance to Root Penetration	EN 13948, FLL Test	Complies	Complies

* The sample also complies at a pressure of 60kPa



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Health & Safety

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

Waste Disposal

Fatrafol 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

Installation Manual of Roofing Waterproofing System FATRAFOL-S

Manufacturing control system certificate No. 1390-CPD-0028/07/Z of waterproofing membranes FATRAFOL 804, FATRAFOL 807, FATRAFOL 808, FATRAFOL 814 according to Standard ČSN EN 13956:2006, emitted by CSI, a. s., Prague, workstation Zlín

Certificate EN ISO 9001 and EN ISO 14001 by Bureau Veritas

COSHH Sheet FF807

COSHH Sheet FF859