

Fatrafol FF810 & FF810V Membrane

Product Description

Fatrafol FF810 is a high performance, polyester-mesh reinforced PVC-P roof waterproofing membrane, designed for use as a mechanically fixed waterproofing covering. Fatrafol FF810 is accredited with the environmental standard ISO 14001 and manufactured to DIN 16726 & DIN 16734.

The Fatrafol FF810 Roof Covering System consists of the FF810 roofing membrane, with hot-air welded lap joints, mechanically fixed using Structra fixing discs.

The PVC-P membrane comprises upper, middle and lower layers manufactured by a calender-mould process. The layers are thermoplastically fused together, sandwiching the polyester mesh between them.



Fatrafol FF810 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.

Standard Characteristics

There are 2 standard roll sizes available;

Fatrafol FF810 & FF810V Membrane		
Reference	Fatrafol FF810	Fatrafol FF810V
Standard roll width	1300mm	2050mm
Standard roll length	20m	20m
Thickness	1.5mm	1.5mm
Area per roll	26m ²	41m ²
Weight per roll	52kg	82kg
Weight per unit area	2.0 kg/m ²	2.0 kg/m ²
Rolls per pallet	19	21

Membrane working temperatures: -30°C to +80°C

FF810 membrane is resistant to sparks and radiant heat of up to 80°C

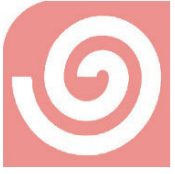
Colour

Fatrafol FF810 is available in the following colours; Dark Grey, Light Grey & Green.

Other RAL Colours available on request.

Packing, Transport & Storage

Fatrafol FF810 is delivered to site in polyethylene-wrapped rolls, each clearly labelled with product and manufacturer details. Fatrafol FF810 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 FF810 & FF810V Membrane			
Characteristic	Test Standard	FF810	FF810V
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	≥ 260N/50mm	≥ 260N/50mm
Joint Shear Resistance	EN 12317-2	≥ 850N/50mm	≥ 1,000N/50mm
Tensile Strength	EN 12311-2 Method A	≥ 950N/50mm	≥ 1,000N/50mm
Elongation at Break		≥ 15%	≥ 18%
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	≥ 180N	≥ 200N
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	15,000 ± 4,500	15,000 ± 4,500
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 FF810 does not constitute a hazard under the COSHH Regulations under normal conditions of use.

Waste Disposal

Fatrafol FF810 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-0026/06/Z of waterproofing membrane FATRAFOL 810 according to Standard

ČSN EN 13956:2006, by CSI, a. s., Prague, workstation Zlín

Manufacturing control system certificate No. 1390-CPD-0033/06/Z of waterproofing membranes FATRAFOL 810/V according to Standard ČSN EN 13956:2006, by CSI, a.s., Prague, workstation Zlín

Certificate EN ISO 9001 and EN ISO 14001 by Bureau Veritas

COSHH Sheet FF810

COSHH Sheet FF854

COSHH Sheet FF855