

StrataPlan Walkway Membrane

A visually striking profile that mimics traditional roofing systems

Product overview

StrataPlan Walkway Membrane serves as a highperformance, slip-resistant layer for walkways. With a textured surface, it is perfect for delineating access and maintenance routes. To ensure visibility, the membrane should be installed in a contrasting colour. This product has received accreditation for the environmental standard ISO 14991 and is manufactured in compliance with DIN 16726 & DIN 16734.

Application guidelines

StrataPlan Walkway Membrane is attached to the StrataPlan waterproofing range by using hot air weld attachment.

When installing over non-rigid insulation such as mineral wool, it is essential to employ a 0.9mm thick galvanised metal spreader plate to avoid compressing the insulation. Prioritise using a plate with rounded, deburred edges covered in StrataFleece before securing it with the StrataPlan membrane.

Standard characteristics

Properties	Declared Performance
Attachment	Hot air welded to StrataPlan SF 1.5 & StrataPlan GF 1.5
Colour	Light grey
Thickness	1.2mm
Area per roll	13m ²
Roll dimensions	20m x 650mm
Weight per roll	26kg
Weight per unit area	2.0kg/m ²

Compatibility

This product should only be used with the StrataPlan range of PVC single ply membranes.

Certifications

- ISO 14001 Environmental management accredited
- ISO 9001 Quality management accredited
- DIN 16726 Plastic roofing and waterproofing sheet
- DIN 16734 Man-made fibre reinforced plasticised polyvinyl chloride (PVC-P)
- C&Mac249; SN 64 6223 Plasticised polyvinylchloride (PVCP) films for construction of barriers to liquid.

Technical characteristics

Properties (test method)	Declared Performance
Visible defects (EN 1850-2)	Complies
Straightness (EN 1848-2)	≤ 5mm
Flatness (EN 1848-2)	≤ 5mm
Impact resistance at -10 C (h = 300mm) (EN 12691)	Ø10mm
Impact resistance at 23 C (h = 300mm) (EN 12691)	Ø10mm
Water tightness to liquid state, 10 Kpa* (EN 1928 Method B)	Complies
Reaction to fire (EN 13501-1)	Class E
Joint peel resistance (EN 12316-2)	≥ 250N/50mm
Joint shear resistance (EN 12317-2)	≥ 650N/50mm
Tear resistance (EN 12310-2)	≥ 130N
Tensile strength (EN 12311-2 Meth B)	≥ 8 MPa
Elong. at break (EN 12311-2 Meth B)	≥ 150%
Resistance to static load (EN 12730 Method B)	Complies 20kg
Dimensional stability (EN 1107-2)	Max ± 0.2%
Water vapour properties (EN 1931)	10,500 ± 2,500
Foldability at low temp (EN 495-5)	≤ -35°C
Exposure to UV radiation, high temperature and water (EN 1297)	Complies, Grade 0

Health and safety

Health and Safety should be observed at all times in accordance with HSE and industry guidance. Specific Risk Assessments and Method Statements should be produced by contractors where necessary to ensure Working at Heights, Fire Safety and Manual Handling rules are compliant with current law and regulations.

StrataPlan Walkway Membrane does not constitute a hazard under the COSHH Regulations under normal conditions of use. A material safety datasheet is available for this product upon request.

Environmental considerations

StrataPlan Walkway Membrane 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.

Further information

The information contained in this datasheet, along with any advice provided (either written or verbal) through testing are based on our experience and do not constitute any product guarantee for the installer.

We recommend that all of the information provided is carefully studied before proceeding with application, and strongly advise that suitable tests are carried out on site before application in order to determine the suitability and compatibility for the specific project.

The application, use and processing of our products are beyond our control, and therefore under the exclusive responsibility of the installer. As a result, the installer will be solely responsible for any damage derived from the partial or complete disregard of our guidance or the general mis-use of any of our materials.

