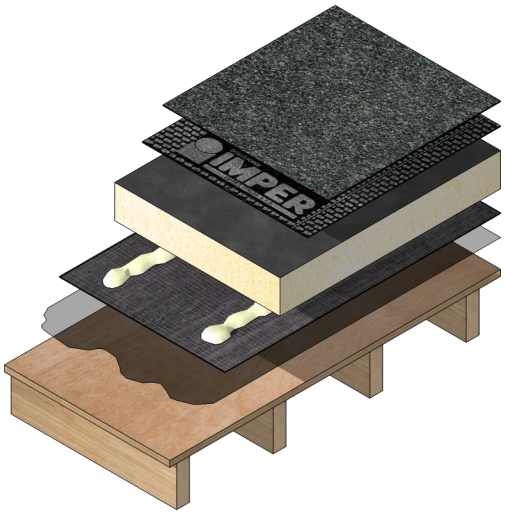
Technical Data Sheet
Sticker Sanded AL (Foilcore)

Product Description / Use:

Sticker Sanded AL (Foilcore) is a prefabricated self-adhesive air and vapour control layer obtained by layered coextrusion of special compounds based on selected bitumen modified with elasto-thermoplastic polymers, and a glass veil reinforcement. Combined with an aluminium foil, placed in the thickness of the membrane it makes it suitable for use as a moisture vapour barrier in buildings with high humidity.

The lower face of the membrane is bonded with the use of special additives that give the bituminous compound specific and persistent adhesive properties, and is protected by a silicone-coated film to be removed at the time of installation. The upper face is finished with a sandblasting treatment.



Sticker Sanded AL (Foilcore) must be used with the appropriate MOY SA Primer. Side and end joints should be thermally activated by use of a suitable hot air gun.

Only suitable for use in temperatures above +5°C.

Sticker membranes contain no asbestos, tar or other dangerous substances.

Certification:

System Fire Testing:
Classification Standard BS EN 13501-5: 2016
Test Standard: CEN/TS 1187:2012

Determination of external fire performance is a system test which will be influenced by the components within the roofing system.

Whilst Sticker Sanded AL (Foilcore) may be included in compliant $B_{ROOF\ (t4)}$ systems, always check with MOY Technical Services for the very latest information on fire testing carried out.

Technical Data Sheet
Sticker Sanded AL (Foilcore)

Technical Specification:

Characteristics	EN Standards	Unit of Measure	Tolerances (1)	Sticker Sanded AL (Foilcore)
Roll dimensions	1848-1	m	≥	10 x 1 (-1%)
Thickness	1849-1	mm	±5%	3
Finish	-	-	-	silicon film
Watertightness	1928-B	kPa	≥	pass the test
Cold flexibility (lower face)	1109	°C	≤	-25
Flow resistance at elevated temperature (lower face)	1110	°C	≥	90
L/T tensile strength	12311-1	N/5cm	±20%	500 / 400
L/T tensile elongation	12311-1	%	±15	4 / 4
L/T dimensional stability	1107-1	%	≤	NPD (2)
Static puncture	12730	kg	≥	NPD (2)
Dynamic puncture	12691-B	mm	≥	NPD (2)
L/T tear resistance	12310-1	N	±30%	70 / 70
Peel resistance of the joint	12316-1	N/5cm	±20	NPD (2)
Shear resistance of the joint (3)	12317-1	N/5cm	±20%	NPD (2)
Durability after ageing:				
Cold flexibility	1296-1109	°C	+15°C	-
Flow resistance at elevated temperature	1296-1110	°C	-10°C	90
• UV Ageing	1297	-	-	NPD (2)
• Watertightness	1296-1928	kPa	≥	pass the test
• Chemical resistance				NPD (2)
• L/T tensile strength	12311-1	N/5cm	±20%	NPD (2)
• L/T tensile elongation	12311-1	%	±15 (4)	NPD (2)
Moisture resistance factor	1931	μ	≥	1,500,000
Root resistance	LG Aispec		-	NPD (2)
External fire behaviour	13501-5	EC (4)	-	NPD (6)
Fire reaction	13501-1	EC (4)	-	E (5)

Notes:

(1) In compliance with the applicable AISPEC-MBP Guidelines.
(2) Characteristic not determined because it is not relevant for use.
(3) Value declared or break outside the joint.
(4) Euroclass.
(5) Internal Report.
(6) Determination of external fire performance is a system test which can be influenced by system components, thus performance for each individual product cannot be given.

Delivery form:
Rolls.

Storage:
Rolls must be stored in their original package, in vertical position and under cool and dry conditions between temperatures of +5 °C and +35 °C. They must be protected from direct sunlight, rain, snow and ice.

Technical Data Sheet
Sticker Sanded AL (Foilcore)

Shelf life:
They can be stored for up to 12 months in cool, dry conditions.

Safety:
Safety precautions to be taken when using this product is given in the Safety Data Sheet.

Disposal:
Information for this product is given in the Safety Data Sheet.