



GB14/92057

AUTOTAK VAP 1,5 mm

Compound

SBS

Cold Flexibility

-20°C**CHARACTERISTICS**

AUTOTAK VAP is a self-adhering waterproofing membrane made of distilled bitumen modified with SBS (Styrene-Butadiene-Styrene) polymers, with an adhesive coating on the lower face.

Application is very simple and safe: once aligned the roll in place over a clean and primed substrate, by simply removing the silicone films from the underside and from the selvedge strips, AUTOTAK VAP will adhere in place without the need of a propane gas torch or a hot air machine. Head joints require the use of an approved mastic sealant (COPERGLUE JOINT bituminous adhesive is recommended).

CARRIER

The carrier is a glass fibre coupled with a special aluminium foil that makes AUTOTAK VAP ideally suited for applications where perfect vapour barrier is required.

**INTENDED USE
 ACCORDING
 "CE" MARK
 STANDARDS**

self-adhesive waterproofing barrier against water vapour diffusion (EN 13970)	Autotak VAP 1,5 mm
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**AVAILABLE
 SURFACE
 FINISHES**

Upper surface Sand with 10 cm silicone release side overlap; upon request sand.

Lower surface Silicone release film, divided into two parts for easy placement and alignment of the rolls during the application.

**USE &
 APPLICATION**

AUTOTAK VAP 1,5 mm is recommended for use as a self-adhering vapour barrier or vapour check layer for applications in presence of high relative humidity and/or low ventilation; it is normally positioned below the insulation layer but, as a rule and subject to the construction design, it must be installed in a position to prevent the insulation layers from becoming in contact with the sources of humidity and preserve in time the effectiveness of the insulation properties.

AUTOTAK VAP is fast and safe to apply and is a time saving product.

Some general recommendations:

- The rolls must be stored in sheltered premises away from direct sunlight and/or frost. Pallets must not be double-stacked;
- The product shall be applied at ambient temperatures above +5°C;
- The receiving surface shall be prepared dry, clean from debris, dust or loose particles, duly primed to ensure maximum bond to the substrate (it is recommended to use the bituminous primer "PRIMER TAK");
- The use of mechanical fixations shall be provided in applications with a pitch of 15% or more, as normally recommended for exposed waterproofing sheets applied on vertical surfaces;
- Along perimeters the use of a normal elastomeric membrane applied by torch is recommended.

For correct installation refer to information provided by Copernit Technical Department.

Properties	Test Method	Unit	AUTOTAK VAP	Tol.
Length	EN 1848-1	m	15 (-1%)	≥
Width	EN 1848-1	m	1,0 (-1%)	≥
Thickness	EN 1849-1	mm	1,5	±5%
Tensile strength (at break) L/T	EN 12311-1	N/5 cm	400/300	±20%
Elongation (at break) L/T	EN 12311-1	%	2/2	±1
Tear resistance (nail test) L/T	EN 12310-1	N	100/100	±30%
Resistance to static loading	EN 12730 (A)	kg	NPD	≥
Impact resistance	EN 12691	mm	NPD	≥
Dimensional stability	EN 1107-1	%	NPD	≤
Flexibility at low temperature	EN 1109	°C	-20	≤
Flow resistance at elevated temperature	EN 1110	°C	90	≥
Watertightness (method A)	EN 1928	kPa	60	≥
Resistenza alla diffusione del vapore (μ)	EN 1931	--	1.500.000	--
Reaction to fire	EN 13501-1	Class	E	--