CE
GB14/92057

COPERNIT
WATERPROOFING SYSTEMS

AUTOTAK

Compound	Cold Flexibility
SBS	-15°C

CHARACTERISTICS

AUTOTAK 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 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 composite polyester stabilised with longitudinal glass yarns that combine superior dimensional stability with high tensile strength and elongation values and excellent mechanical properties in general.

INTENDED USE ACCORDING "CE" MARK STANDARDS

Underlay or intermediate layer in multi-layer systems for roof waterproofing (EN 13707)	**Autotak** 1,5 mm - 2,0 mm

AVAILABLE SURFACE FINISHES

Upper surface: Sand or plastic HDPE film upon request, with 10 cm silicone release side overlap.

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

USE & APPLICATION

AUTOTAK is indicated as underlay or intermediate layer below roof tiles or on pitched roofs in general where the use of a free flame is not permitted or advisable, thus preventing the use of a torch applied membrane (for example: over wooden decks or fire sensitive insulation layers).
AUTOTAK is fast and safe to apply and is time-saving products.
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 1,5 mm	AUTOTAK 2,0 mm	Tol.
Length	EN 1848-1	m	20 (-1%)	20 (-1%)	≥
Width	EN 1848-1	m	1,0 (-1%)	1,0 (-1%)	≥
Thickness	EN 1849-1	mm	1,5	2,0	±5%
Tensile strength (at break) L/T	EN 12311-1	N/5 cm	400/300	400/300	±20%
Elongation (at break) L/T	EN 12311-1	%	35/35	35/35	±15
Tear resistance (nail test) L/T	EN 12310-1	N	130/130	130/130	±30%
Resistance to static loading	EN 12730 (A)	kg	10	10	≥
Impact resistance	EN 12691	mm	700	700	≥
Dimensional stability	EN 1107-1	%	±0,3	±0,3	≤
Flexibility at low temperature	EN 1109	°C	-15	-15	≤
Flow resistance at elevated temperature	EN 1110	°C	90	90	≥
Watertightness (method A)	EN 1928	kPa	60	60	≥
Resistance to water vapor diffusion (μ)	EN 1931	--	20.000	20.000	--
Reaction to fire	EN 13501-1	Class	E	E	--
Resistance to external fire	EN 13501-5	Class	F roof	F roof	--

COPERNIT S.p.A.
Via Provinciale Est, 64 - 46020 Pegognaga (MN) – Italy Tel. +39 0376 554911 Fax +39 0376 550177
www.copernit.it - email: info@copernit.it