

PANDA SIMSELF ALUMINUM FOIL COATED MEMBRANES (SELF ADHESIVE)

SIMSELF Aluminum foil coated membranes are elastomeric type of membranes with SBS (Styrene – Butadiene – Styrene) thermoplastic resin, used to enhance of the bitumen. . These membranes are not negatively effected by sunlight due to its aluminum foil coating. After the removable film layer on one side is peeled,the membrane is ready to stick.

Roll





Properties

With its self adhesiveness, water tightness and resistance to structural movements, Simself Membranes bring practical solutions to many fine details. Thanks to its flexibility it is comfortably applied on curvilinear or skewed surfaces. Simself Membranes are produced in rolls of 1 meter width and 10 or 15 meters length. The membrane becomes ready to stick when the film layer is peeled. But to provide a good adhesion, the application surface should be dry and clean. On concrete surfaces, Standart bituminous primer should be applied prior to application and after the drying of the primer layer, SimSelf Membrane has to be sticked onto the already dry surface. Simself Membrane, **which can be produced with mineral coating on one face**, can be used as the uppermost layer material on covering.

BALCIOĞLU GRUP STANDART İZOLASYON VE YAPI MATERYALLERİ SAN. TİC. A.Ş. - Mersis No : 0781015714200017

Product Name.			SIMSELF SP1200AF	SIMSELF SP1500AF
Properties	Units	Test Methods		
Reinforcement (Carrier)			-	-
Thickness	mm	EN 1849-1	1,2	1,5
Roll Width	m	EN 1848-1	1	1
Roll Length	m	EN 1848-1	15	15
Visible Defects	-----	EN 1850-1	None	None
Heat Endurance (at least)	°C	EN 1110	100	100
Cold Flexibility (adhesive)	°C	EN 1109	>-20	>-20
Water impermeability	-	EN 1928	√	√
Tensile Strength Longitudinal (at least)	N/5cm	EN 12311-1	400	400
Tensile Strength Transverse(at least)	N/5cm	EN 12311-1	300	300
Longitudinal Elongation	%	EN 12311-1	15	15
Transverse Elongation	%	EN 12311-1	15	15
Resistance to static loading	kg	EN 12730	min 15	min 15
Tear Strength Value	N/50 mm	EN 12310-1	150(±%50)	150(±%50)
Value of Impact Resistance	mm	EN 12691	Min. 1000	Min. 1000
Directional Variation	mm	EN 1848-1	max 20	max 20
Reaction to Fire	-	EN 13501-1	E	E
Upper surface			Aluminum foil	Aluminum foil
Lower surface			Removable Film	Removable Film

Balcioğlu Grup Standart İzolasyon ve Yapı Materyalleri San. Tic. A.Ş.

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Application Areas

Since Simself aluminum foil coated membranes can adhere to various surfaces such as wood, plastic, glass, mortar, concrete and more, they can be used on roofs,walls, parapets, chimney flashings, eaves, copings, gable walls, cracks in roof covering tiles, ship deck waterproofing, automotive industry, etc. especially where torch fire is risky or unsuitable to use. Simself membrane can easily be applied on fine details. Its self-adhesive lower surface can easily be applied on heat insulation boards (XPS, EPS, etc.) and materials non resistant to heat such as plastic and wood. In addition, on curvilinear and skewed roofs, its use is very easy and it takes the form of the application surface.

Storage and Protection



The rolls of bituminous membranes should be stored in vertical manner. Additionally during the transportation they should be placed vertically.

 **balcıođlu grup**

 **standart**
İZOLASYON MATERYALLERİ

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Simsel membranes should not be placed in overlapping manner preventing the heavy load on the rolls.

Membranes should be protected from freezing and sunlight (ultraviolet light).

They should be kept away from heating sources. They must be protected from sudden temperature changes.

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