

PRODUCT DATA SHEETS

Description		Self-adhesive elastomeric bitumen based waterproofing membrane which provides strong adherence with freshly poured concrete used for waterproofing of single faced foundation curtain walls.			
Application Area		At foundation, curtain walls			
DETAILS	Application Method	Thanks to its self-adhesive feature the film on the back surface is removed and adhered to the application surface. Joints are adhered with torch fire.			
	Surface	Special thin Mineral			
	Reinforcement	Polyester			
	Bottom Surface	Detachable Film			
TEST		CLASSIFICATION OF THE EXPERIMENT METHOD	VALUE DECLARED	UNIT	TOLARANCES
PRODUCT PERFORMANCE	VISIBLE DEFECTS	EN 1850-1	No visible defects	-	No visible defects
	LENGTH	EN 1848-1	10	m	min (- 0,03)
	WIDTH	EN 1848-1	1	m	min (- 0,02)
	EFFECTIVE THICKNESS	EN 1849-1	3,5	mm	(+/-) 0,2
	WATER TIGHTNESS	EN 1928 (Metod-B 60 kPa)	Approved	kPa	Approved
	FLEXIBILITY AT LOW TEMPERATURE	EN 1109	-20	°C	min
	TENSILE STRENGTH (WIDTH)	EN 12311-1	600		(- % 10 ,%+50)
	TENSILE STRENGTH (LENGTH)	EN 12311-1	800		(- % 10 ,%+50)
	ELONGATION AT BREAK (WIDTH)	EN 12311-1	35	%	(-5, +20)
	ELONGATION AT BREAK (LENGTH)	EN 12311-1	35	%	(-5, +20)
	FLOW RESISTANCE AT ELEVATED TEMPERATURES	EN 1110	100	°C	min
	DIRECTIONAL VARIATION	EN 1848-1	-	mm	Approved
	RESISTANCE TO STATIC LOADING	EN 12730	15	kg	min
	VALUE OF IMPACT RESISTANCE	EN 12691(Metod-A)	1000	mm	min
	TEAR STRENGTH VALUE -WIDTH	EN 12310-1	200	N	(+/-) %50
	TEAR STRENGTH VALUE -LENGTH	EN 12310-1	200	N	(+/-) %50
	JUNCTION WHERE THE VALUE OF PEEL STRENGTH	EN 12317-1	500		(+/-) %50
	BEHAVIOUR TO FIRE	EN 13501-1	E	-	E
	DENGEROUS MATERIAL	-	-	-	None
	WATER TIGHTNESS AFTER STABILITY TEST	EN 1296 - EN 1928	Approved	°C	Approved
ADHESION TO POURED CONCRETE	ASTM D903	4755	(N/m)		
PACKING IN PALLETS. 30 ROLLS IN A PALLET IN ONE ROW. PALLET IS COVERED WITH PE FILM.					
STORAGE "MEMBRANE SHOULD BE CORRECTLY STORED IN A DRY AND COVERED LOCATION WITH UPRIGHT POSITION. THE PALLETS ARE NOT STACKABLE. DO NOT PUT PALLETS OVER PALLETS. KEEP THE BITUMINOUS MEMBRANE FROM FREEZING AND SUDDEN HEAT CHANGES."					
INSTALLATION "APPLICATION SURFACE MUST BE SMOOTH, FREE OF MOISTURE, PONDING WATER AND DUST. DO NOT APPLY BELOW +5 °C. DO NOT APPLY UNDER ADVERSE WEATHER CONDITIONS."					



Sim Proof

balcıoğlu grup
standart
İZOLASYON MATERYALLERİ

Adhesive System Professional Waterproofing Solutions

balcıoğlu grup
standart
İZOLASYON MATERYALLERİ

Factory Address: Fevzipaşa Mah. Kınalı Kavşağı Cad. No:123 ve 123/1 Silivri / İstanbul
Head Office Address: İkitelli OSB Keresteciler Sitesi 4.Blok No: 43 Başakşehir/İstanbul
Phone: +90 (212) 670 49 51 Fax : +90 (212) 670 51 51
standart@standartinsulation.com - www.standartinsulation.com



PE Film

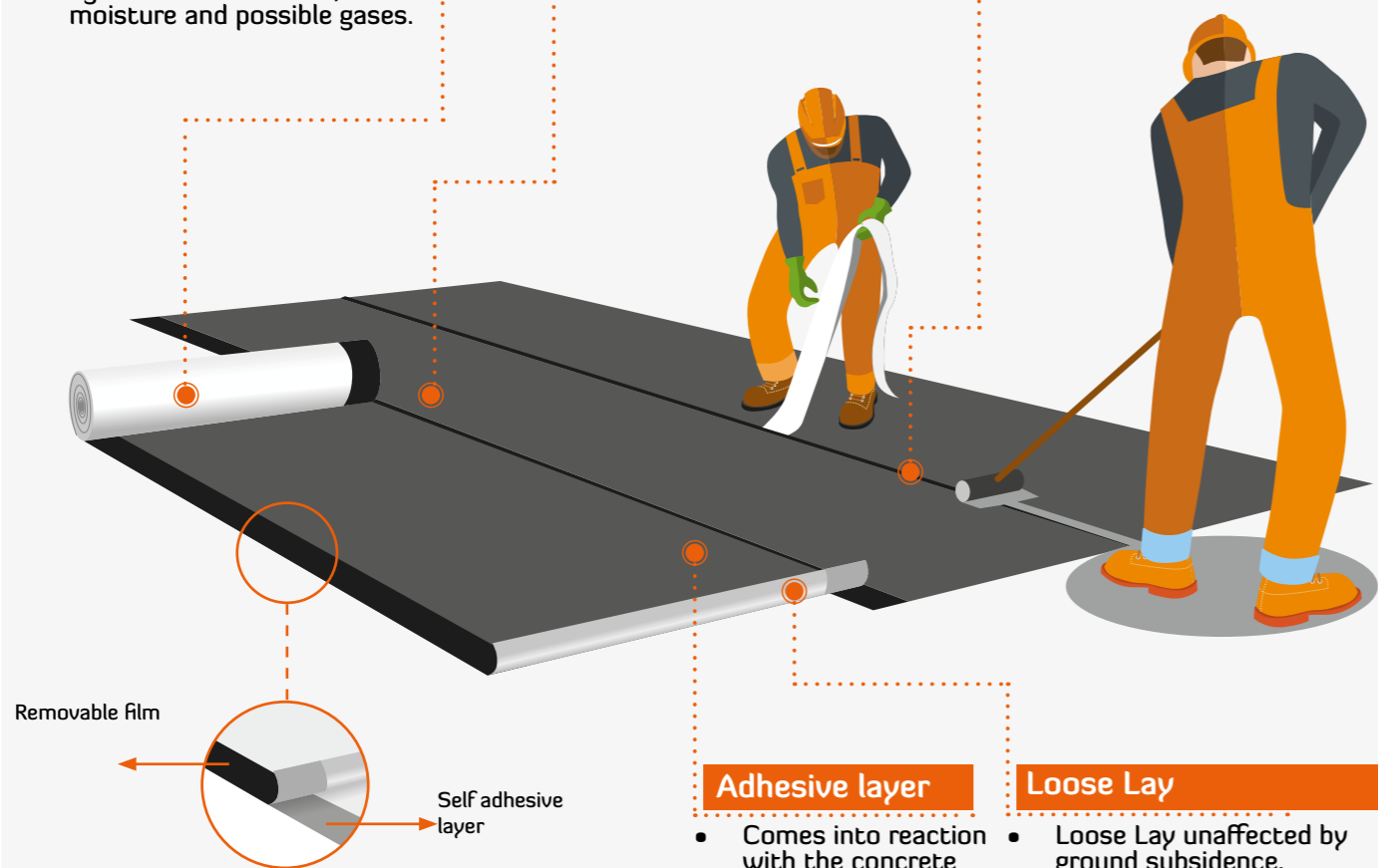
- Protects bitumen layer against harm of water, moisture and possible gases.

Sanded top layer

- Get rid of the need of protective concrete thanks to sanded top layer.

Joints

- No need to heat welding thanks to self adhesive and marked joints.



Adhesive layer

- Comes into reaction with the concrete by heat of hydration and penetrates into concrete.

Loose Lay

- Loose Lay unaffected by ground subsidence.

SPECIAL DESIGNED ELASTOMERIC BITUMEN MEMBRANE FOR BLIND SIDE WATERPROOFING, REINFORCED CONCRETE SUB BASE COURSE AND BLIND FORMWORK APPLICATIONS.



Minimum Labor cost and Professional insulation solution

Practical and easy application

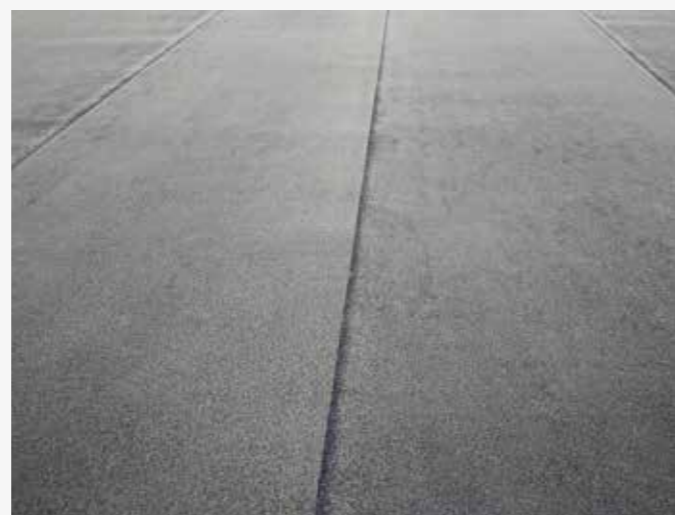
Time saving effective solution.

Application in all weather conditions

Excellent adherence to water movement

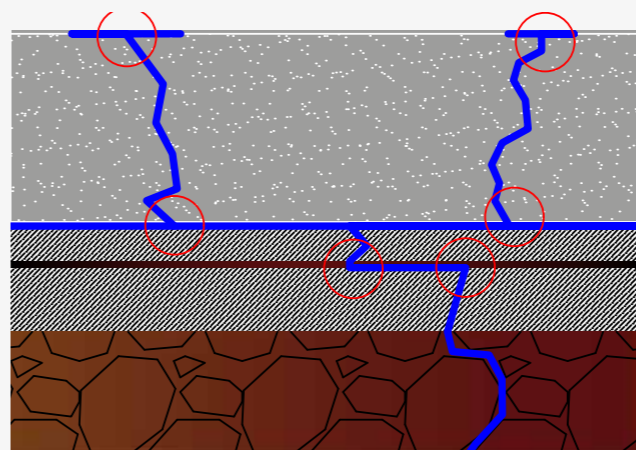


Integrated System
Special system components that can be used in corner turns and chamfers



Conventional System

It is the risk that the underground water rises and finds a way through the weak point of the lean concrete, right after finds a way from possible leak of the membrane and travels under the radial base by reaching the protective concrete and raft foundation.



Sim Proof Adhesive System

Sim Proof is a bitumen membrane that sticks to the concrete. Adheres completely to the bottom of the raft concrete and removes the need of protective concrete. It avoid the underground water from reaching the weak insulation of lean concrete and the water movements under the sub base concrete.

