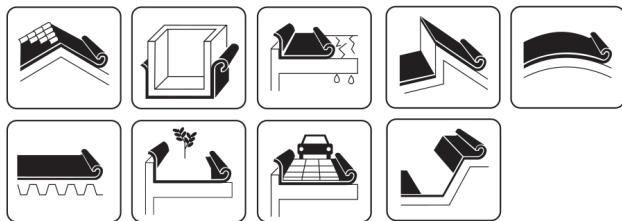


Roofing Insulating Isogam

Bitumen oxidized enhanced with a layer of Fiberglass and so on. (BOF)

Product's Technical Specifications
(Tropical & moderate)

Property name	Standard value	Our result
thickness	4±0.2mm	4±0.2mm
length	10±0.1m	10±0.1m
width	1±0.1	1±0.1
Weight unit	4±0.2 kgm ⁻²	4±0.2 kgm ⁻²
Longitudinal tensile strength for 5 cm width	40kgf	42kgf
Transversal tensile strength for 5 cm width	30kgf	31kgf
Percentage of increase in the relative length (longitudinal)	25%	26%
Percentage of increase in the relative length (transverse)	25%	25%
Longitudinal tear resistance (minimum)	12kgf	12.5kgf
Transverse rupture strength(at least)	10kgf	10.3kgf
Flexibility in the cold	-5 °C	-5 °C
The thermal stability (at least)	+90 °C	+90 °C
The water impermeability	10kpa	10kpa



APPLICATIONS OF SAMA BAM ISOGAMCO.

Due to light weight and high resistance, is used as a complete insulator for roofs, gables, buildings ' base-ment, bathroom, Restroom, irrigating canals, refrigerat-ing(cool storage) , Gas and oil pipes, livestock farms, poultry farms and etc.



مواد مخصوص
Special Material 4

فیلم پلی اتیلن
Polyethylene Film 5

آلومینیوم
Alominiyom 1

تیشو
Tissue 2

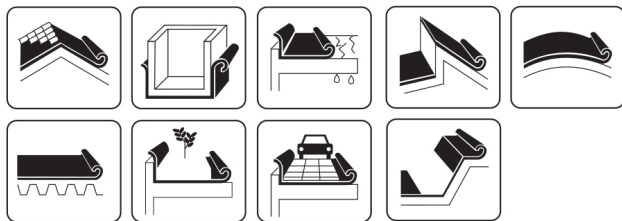
پلی استر
Polyester 3

Roofing Insulating Isogam

Bitumen oxidized enhanced with a layer of Fiberglass and so on. (BPP)

Product's Technical Specifications
(Tropical & moderate)

Property name	Standard value	Our result
thickness	4±0.2mm	4±0.2mm
length	10±0.1m	10±0.1m
width	1±0.1	1±0.1
Weight unit	4±0.2 kgm ⁻²	4±0.2 kgm ⁻²
Longitudinal tensile strength for 5 cm width	40kgf	41.7kgf
Transversal tensile strength for 5 cm width	30kgf	30.5kgf
Percentage of increase in the relative length (longitudinal)	25%	26%
Percentage of increase in the relative length (transverse)	25%	25%
Longitudinal tear resistance (minimum)	12kgf	12.5kgf
Transverse rupture strength(at least)	10kgf	10.4kgf
Flexibility in the cold	0°C	0°C
The thermal stability (at least)	100 °C	100 °C
The water impermeability	10kpa	10kpa



APPLICATIONS OF SAMA BAM ISOGAMCO.

Due to light weight and high resistance, is used as a complete insulator for roofs, gables, buildings ' base-ment, bathroom, Restroom, irrigating canals, refrigerat-ing(cool storage) , Gas and oil pipes, livestock farms, poultry farms and etc.



مواد مخصوص
Special Material 4

فیلم پلی اتیلن
Polyethylene Film 5

آلومینیوم
Alominiyom 1

تیشو
Tissue 2

پلی استر
Polyester 3

Delijan Sama'am Company
Reinforced bitumen sheets for waterproofing surfaces --- especially in the tropics

Especially in the tropics	results					features		Row
	Average	Sample 1	Sample 2	Sample 3	Sample 4			
25	27/31	27/41	28/52	25/96	27/38	Longitudinal	Minimum percentage increase in relative length	1
25	31/13	31/91	32/57	29/64	30/41	Wide		
40	60/70	62/12	60/63	58/49	61/57	Longitudinal	Minimum tensile strength at the point of maximum (kg/cm ²)	2
30	31/80	32/26	31/95	32/06	30/94	Wide		
12	20/25	20	21	19/5	20/5	Longitudinal	Minimum tear (kgf) resistance	3
10	18	18	18	18/5	17/5	Wide		
10 °C						Drop in flexibility temperature	Artificial wear to Placement method Exposed to a combination of ultraviolet rays	4
10 %						Drop in tensile strength		
5 °C						Low temperature flexibility (maximum)		5
120 °C	110 °C					Determination of high temperature current resistance (minimum)		6
±0/2	0/01	0/01	0/01	0/01	0/01	Longitudinal	Determining dimensional stability	7
±0/2		0	0/1	0	0/1	Wide		
10 °C		8 °C	8 °C	8 °C	8 °C	Drop in flexibility temperature	Artificial wear by long-term exposure to high temperature	8
10 %		7 %	8 %	9 %	9 %	Decrease in tensile strength		
10	13					Minimum water permeability (kpa)		9
	4/1					Thickness (mm)		10
1±0/01						Width (mm)		11
4/1±0/2	4/2					Surface unit weight (kg / m ²)		12
To match						Appearance and marking		13



APPLICATIONS OF SAMA BAM ISOGAMCO.

Due to light weight and high resistance, is used as a complete insulator for roofs, gables, buildings ' base-ment, bathroom, Restroom, irrigating canals, refrigerating(cool storage) , Gas and oil pipes, livestock farms, poultry farms and etc.



مواد مخصوص
Special Material

4

آلومینیوم
Alominiyom

1

فیلم پلی اتیلن
Polyethylene Film

5

تیشو
Tissue

2

پلی استر
Polyester

3