

## PRODUCT TECHNICAL INFORMATION

ITA / ATEXP / 578

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# PARASTAR VERT (FOR GREEN ROOFING)

## PRESENTATION

SBS elastomeric bitumen anti roots membrane with polyester reinforcement which provides excellent mechanical characteristics. It is manufactured in 1m wide and 8m long rolls. This product is self-protected with a mineral granule.



## USE

The root repellent component dedicates the product for green roofing application.

Other uses :

- Self protected on exposed roof
- Protected under

**PARASTAR VERT is applied as single ply** (main surface)

*Nota : in case of green roof, the waterproofing of the upstands will include a two layers system (see application section).*

## COMPOSITION

Upper face	main section	green coloured granules treated
	selvedge	non-woven polypropylene
Blend		SBS elastomeric bitumen with roots repellent compound
Reinforcement		non woven polyester 180g/m <sup>2</sup>
Underface		macro-perforated plastic film

## APPLICATION

- Single ply system fully torched on masonry or concrete decks without insulation panels.
- Needs the application of a bituminous primer (SIPLAST PRIMER).

The longitudinal overlap should not be less than 80 mm, the endlap should not be less than 150 mm.

a) Slope :

In case of slope lower than 1%, carry out water test before applying the soil.

b) Upstands treatment :

Two layers system based on :

- 1<sup>st</sup> layer : PREFLEX fully torched (or PARADIENE SVV)
- 2<sup>nd</sup> layer : PARASTAR VERT fully torched (or GRAVIFLEX)

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## DIMENSIONAL CHARACTERISTICS

	Nominal value	Critical value
Thickness on the longitudinal selvage (mm)	4	3.8
Thickness on the main surface (mm)	5	4.8
Weight / m <sup>2</sup> (kg/m <sup>2</sup> )	6.55	6.22
Weight / roll (kg)	51.8	49.2
Roll length and width (m)	1 x 8	0.99 x 7.92

## CHARACTERISTICS OF THE FINISHED PRODUCT

KIND OF TEST	Reference Norme	Units	Nominal values	Critical values
Tensile strength at max	EN 12 311-1	N/50mm	950 x 650	820 x 560
Elongation at max	EN 12 311-1	%	40 x 49	35 x 42
Cold temperature flexibility	EN 1109	°C	-20	-15
Heat flow test	EN 1110	°C	100	
Dimensional stability	EN 1107-1	%	≤ - 0,5	
Static puncture resistance	EN 12730	kg	20	


## PACKAGING

Rolls quantity per truck pallet	20
Rolls quantity per container pallet	20
Rolls quantity per wooden box	20

Storage : vertical under cover, away from sources of heat

Transport : this product is not classified as dangerous.

## ISO 9001 REFERENCE DOCUMENT

Our company has been awarded the ISO 9001 certificate for all its establishments in France.	
The Technical Agreement GRAVI is the ISO 9001 reference document.	

Note :

*This is only an indicative document. SIPLAST reserves the right to modify the formula and laying instructions, due to technical and experience improvements.*