

Product Technical Information

ITA/578
Rev.3 – 4/2/16
Page 1/3

PARASTAR VERT

Product Description and uses

Parastar Vert is polyester reinforced SBS elastomeric bitumen membrane with chemical anti-root agent.

Parastar Vert is used for green roof waterproofing works as single layer system. This product is designed for both new works and refurbishment works on roofing approved substrates.

Parastar Vert is used for vertical exposed and non exposed upstands.

This product must be used in accordance with the relevant technical specifications.



Composition

Top surfacing: green mineral granules
Bitumen compound: SBS (Styrene-Butadiene-Styrene) elastomeric bitumen with anti-root chemical agent
Reinforcement: Polyester 180 gr/m²
Back surfacing: macro-perforated thermo-fusible film

Dimensions

Nominal Values

Thickness on longitudinal selvedge (mm)	4.0
Thickness on main surface (mm)	5.0
Selvedge width (mm)	90
Roll length and width (m)	8 x 1
Nominal weight (kg/m ²)	6.55
Roll weight (kg)	51.8

Packaging

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

ISO 9001 REFERENCE DOCUMENT

Our company has been awarded the ISO 9001 certificate for all its establishments in France.

Our company reserves the right to modify its composition as a result of technological and experimental improvements.

To obtain the up-date technical data sheet, please contact Siplast



Product Technical Information

ITA/578
Rev.3 – 4/2/16
Page 2/3

Parastar Vert

Physical and Mechanical Properties

According with EN 13707

Property (as Manufactured)	Test Method	Units	Nominal values
Tensile strength at max	EN 12 311-1	N/50mm	950 x 650
Elongation at max	EN 12 311-1	%	45 x 50
Nail tearing resistance	EN 12 310-1	N	250 x 300
Cold temperature flexibility	EN 1109	°C	≤ - 20
Heat flow test	EN 1110	°C	≥ 100
Dimensional stability	EN 1107-1	%	≤ - 0.5
	EN 12317-1	N/50mm	600 x 900
Static Puncture resistance (soft substrate)	EN 12730 A	kg	20
Impact resistance (soft substrate)	EN 12691 B	mm	1500
Waterproofing	EN 1928	-	Pass
Resistance to root penetration	EN 13948	-	Pass

Product Technical Information

ITA/286
Rev.3 – 4/2/16
Page 3/3

Other informations

Values	Where 2 values for given characteristics are shown, the first is for longitudinal direction and the second is for the cross direction.
Modification(s)	Our company reserves the right to modify its composition as a result of technologic and experiments improvements. This product data sheet supersedes the previous edition, to obtain the up-date technical data sheet, please contact our technical department.
Hazardous classification	It is not classified as dangerous according to the international regulation (ADR, RID, IATA, et RTMDR)
Storage	This product is packaged in rolls set up vertically on pallet or wooden box. It must be stored vertically under shelter, away from heat sources.

Generalities

Application	Torch applied.
Substrates	Directly over concrete. The substrate needs to be primed with Siplast Primer 0.3lt/m ² .
Overlaps	80 mm minimum on side lap. 150 mm minimum on head lap. Head Laps are torched after the mineral top surfacing is removed by gently heating and forcing it down into the hot bitumen.
Slopes	1% over concrete roof deck. In case of slope lower than 1%, carry out a water test before the soil installation.
Upstand	2-layer system with Prefelx as base layer and Graviflex or Parastar Vert as top layer. Waterproofing on upstands should be minimum 150mm higher than the final soil surface.