TERANAP JS

Product Description and uses

High performance reinforced SBS elastomeric bitumen membrane for waterproofing works with longitudinal self adhesive overlapping.

This membrane is used in a loose laid single layer waterproofing system for technical roofs and accessible roofs under protection.

Side laps joints are ensured by a self-adhesive Teranap JS selvadge combined with a fully torched covering strip (Teranap Couvre joint).

This product is designed for new works and refurbishment works on approved substrates.

Product Approvals:

Teranap JS is approved by CSTB (Parafor Solo Document Technique d'Application for use in Siplast insulated and non-insulated concrete roof deck as single layer, loose laid built-up roof waterproofing system on flat technical and accessible roofs under protection.

Composition

Top surfacing: Polyester film
Longitudinal overlap surface: Self-adhesive bitumen protected by a siliconised release paper
Bitumen compound: SBS (Styrene-Butadiene-Styrene) elastomeric bitumen
Reinforcement: Polyester 180 gr/m2
Back surfacing: sanded

Dimensions

Value	Nominal
Thickness on longitudinal selvedge (mm)	4.0
Thickness main surface (mm)	4.0
Longitudinal selvedge width (mm) (± 10 mm)	110
Roll length and width (m)	8 x 1 or 10 x 2
Nominal weight / m² (kg/m²)	5.0

Packaging

Roll length and width (m)	8 x 1	10 x 2
Nominal weight / roll (kg)	40.4	105
Rolls quantity per truck pallet	24	10
Rolls quantity per container pallet	27	-
Rolls quantity per wooden box	25	-

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

Teranap JS

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	850 x 600
Elongation at max	EN 12 311-1	%	40 x 49
Nail tearing resistance	EN 12 310-1	N	>200 x 220
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
Static Puncture resistance (hard substrate)	EN 12730 B	kg	20
Impact resistance (soft substrate)	EN 12691 B	mm	2000
Impact resistance (hard substrate)	EN 12691 A	mm	1000
Waterproofing	EN 1928	-	Pass

According with ASTM D 5147

Property (as Manufactured)	Test Method	Units	Nominal values
Tensile strength at max	ASTM D 5147 section 6	kN/m	16.3 x 11.7
Elongation at max	ASTM D 5147 section 6	%	54 x 66
Cold temperature flexibility	ASTM D 5147 section 11	°C	≤ - 20
Heat flow test	ASTM D 5147 section 15	°C	≥ 100
Dimensional stability	ASTM D 5147 section 10	%	≤ - 0.5

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Société par Actions Simplifiées
au capital de 5 729 600 €

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.
Tolerances	The average values derived from standard tests and are subject to the usual production variations. The indicated average values comply with the UEAtc standard and EN 13707. The nominal value tolerances comply with the UEAtc standards. Some slight variations can be noticed as the values are based on the average values obtained from several plants.
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)
Divers	This product is only a product technical data sheet, regarding each waterproofing design, please, consult the concerned technical agreement and in case of doubt contact our technical department.
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

Substrates	Directly over concrete in combination with Verecran 100 to allow a loose laid installation. Verecran 100 is stopped at 50cm from upstands and Teranap JS is fully torched over concrete.
Insulation substrate	Polyurethane PUR / PIR, polystyrene EPS, Mineral Wool, Perlite. Verecran 100 it is used as separation layer over insulation expect for EPS where Biecran separation layer it is used.
Inverted roof	It is allowed the inverted roof design using XPS polystyrene insulation boards in combination with Teranap JS.
Overlaps	110 mm self-adhesive side lap + Teranap Couvre Joint 200mm strip fully torched on Teranap JS 100 mm head lap joints fully torched + Teranap Couvre Joint 200mm strip fully torched on Teranap JS
Slopes	1% over concrete roof deck, apart from tropical regions where it is 2%.
Upstands	2-layer system. Parequerre or Paradiene 35 SR4 base layer torch applied. Paradial S top layer torch applied
Protection	Technical Roofs : concrete tiles or 50mm concrete screed. (protection layer Draina G10 or other is needed over Teranap JS). Accessible roofs: Plot Zoom + Tiles (no additional protection layers) or concrete screed + ceramic tiles (with protection layer Draina G10 or other).

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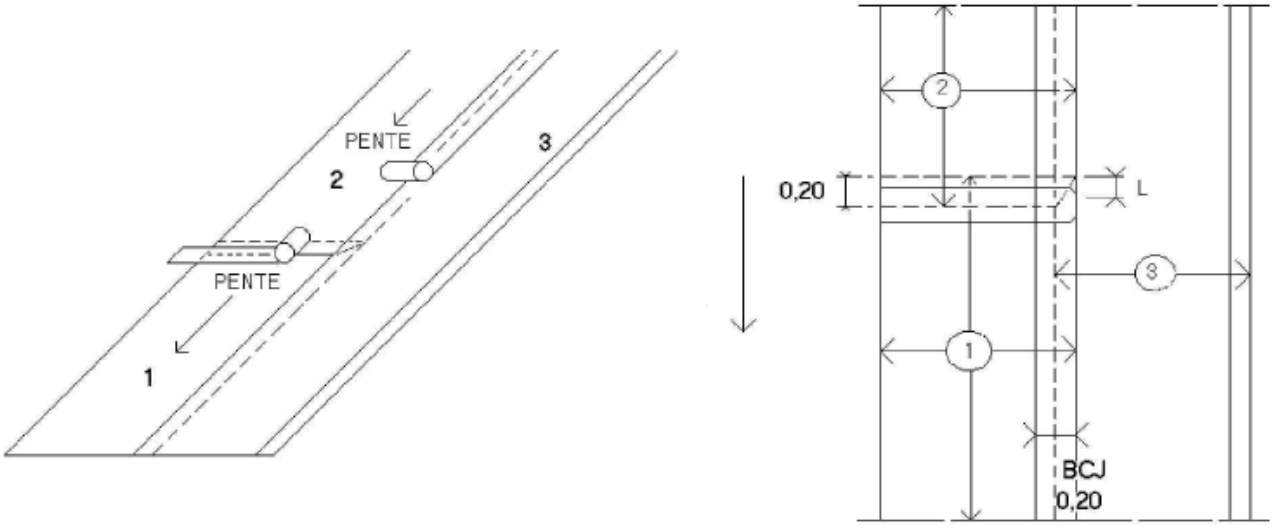
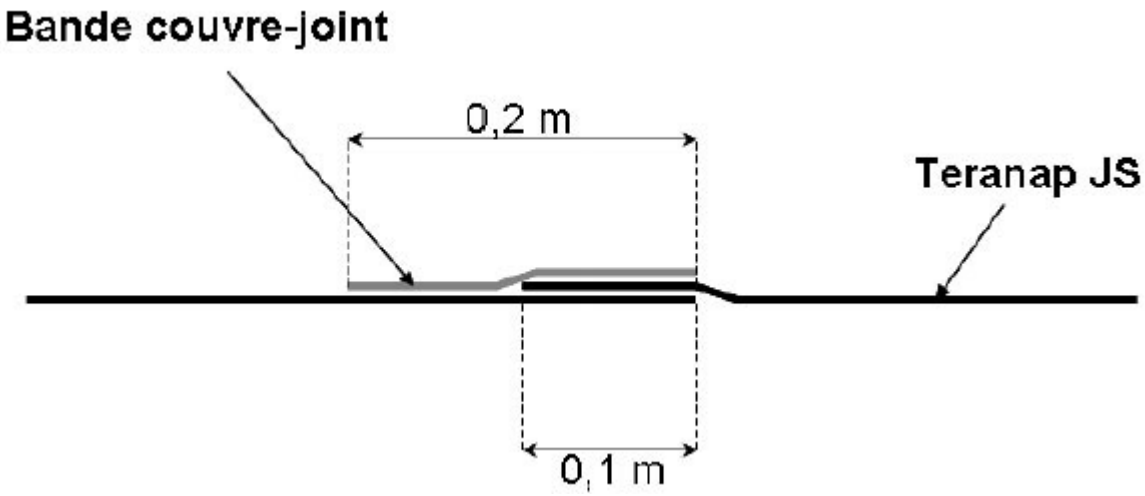
Teranap JS – Typical Design



Note : BCJ= Strip Joint covering (200mm Bande Couvre Joint Teranap) ; pente=slope ; L = side-lap overlapping



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