

Product Technical Information

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ADESOLO G

Product Description and uses

High performance reinforced SBS elastomeric bitumen membrane.
This membrane is used in a single layer Self-adhesive waterproofing system for exposed roofs. This product is designed for new works and refurbishment works on approved substrates.

Product Approvals Adesolo G is approved under a Technical Agreement ETN (New Technical Procedure) for use in Siplast insulated or non-insulated concrete and wooden roof deck and insulated steel roof deck constructions.

The Technical reference document is CCP Adesolo G.

Composition

Top surfacing: mineral granules or mineral slates
Selvage surfacing: Adhesive + Profil System (1)
Selvage Protection: Silicone Kraft paper
Bitumen compound: SBS (Styrene-Butadiene-Styrene) elastomeric bitumen
Reinforcement: 180 gr/m2 Composite polyester glass fiber reinforcement
Back surfacing: Self-adhesive edges and strips, protected by silicone peel-off film.

- (1) Siplast Profil System (patented) which highly improves the installation efficiency (homogenous film burn out, total and well-visible compound melting - automatic check for the operator), thanks to the surface grooving and selvage scarifying.



Dimensions

Nominal Values	Mineral Granules	Mineral Slates
Thickness on longitudinal selvage (mm)	4.0	4.0
Thickness main surface (mm)	5.0	4.8
longitudinal selvage width (mm)(1)	120	120
Roll length and width (m)	7 x 1	7 x 1

(1): 40 mm adhesive + 80 mm Profil System

Packaging

	Granules	Slates
Rolls per truck pallet	20	20
Rolls per container pallet	25	25
Rolls per wooden box	20	20
Nominal weight (kg/m ²)	6.4	6.1
Roll weight (kg)	45.2	43

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



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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	280 x 350
Cold temperature flexibility	EN 1109	°C	≤ - 20
Heat flow test	EN 1110	°C	≥ 100
Dimensional stability	EN 1107-1	%	≤ - 0.3
Shear joint resistance (side lap x head lap)	EN 12317-1	N/50mm	600 x 900
Impact resistance (soft substrate)	EN 12691-B	mm	2000
Waterproofing	EN 1928	-	Pass

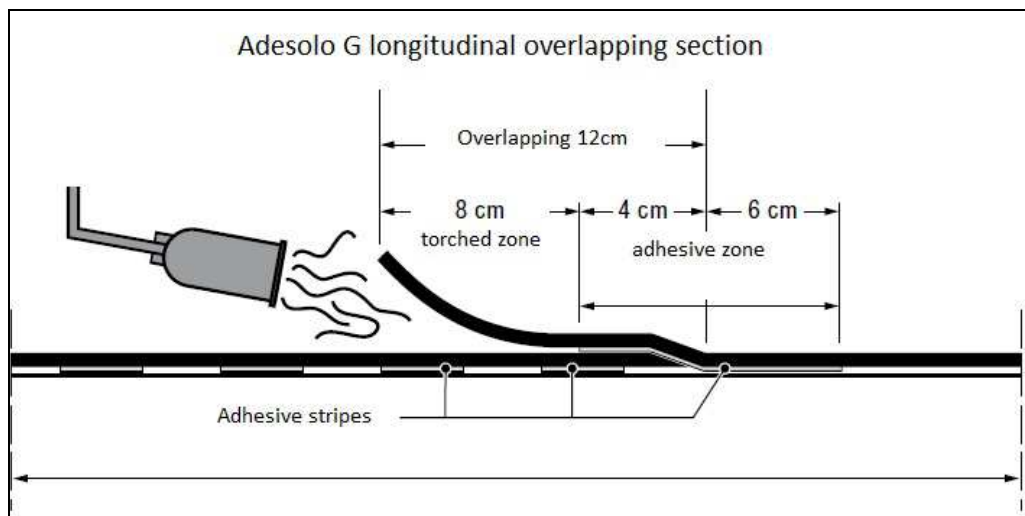
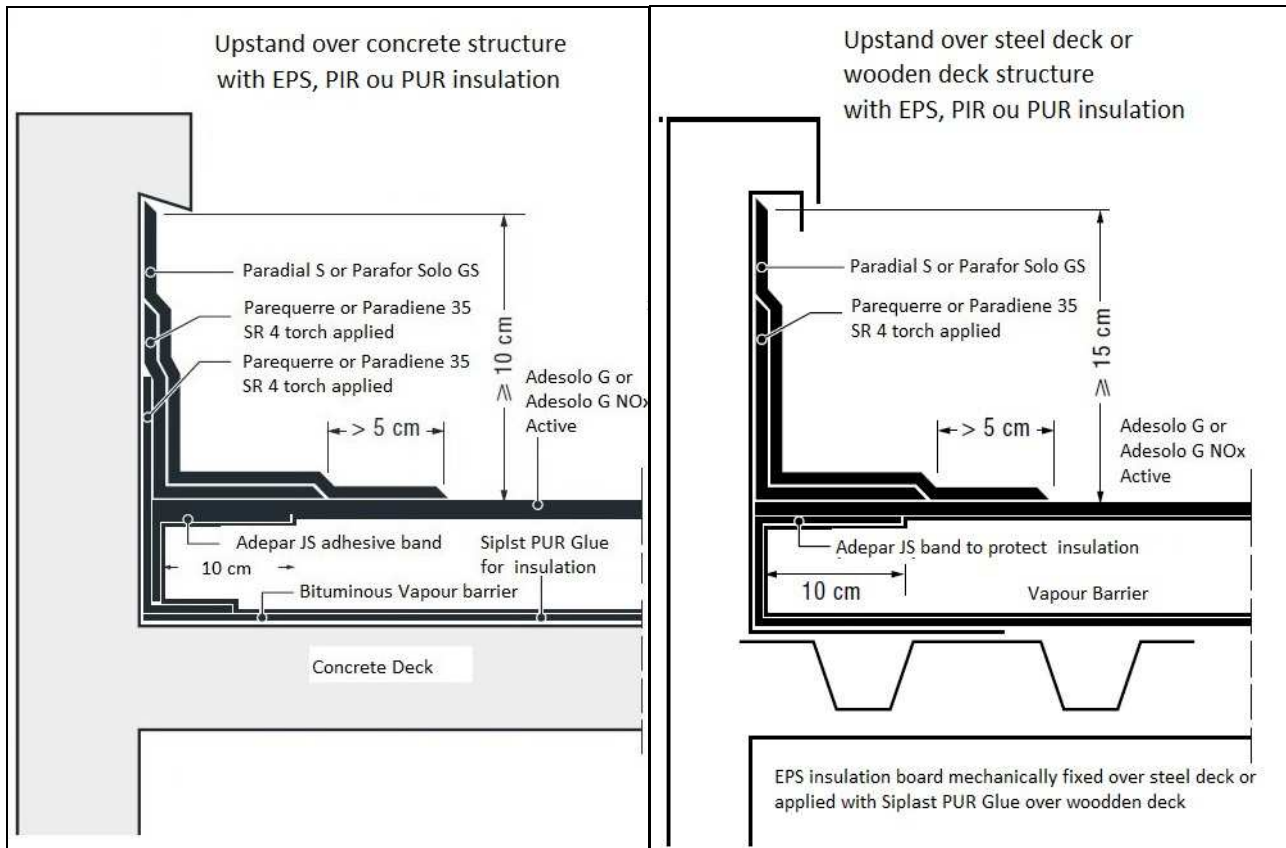
According with ASTM D 5147

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	%	≤ - 0.3

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Typical Design



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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

Using	The generalities about the product using are set out in the ZSA STANDARD
Application	The generalities about the product application are set out in the ZTA STANDARD
Overlaps	Current building practices concerning overlaps are set out in the ZRA STANDARD
Slopes	Current building practices concerning slopes are set out in the ZPA STANDARD