

ADETI PREMIUM

PRODUCT DESCRIPTION AND USES

This is a self-adhesive sheet of High Density Polyethylene (HDPE) produced in 1 m wide rolls. This product offers the qualities of HPDE without necessity of using torch. Waterproofing membrane to be used as a protection of underground concrete located above the water-table. Waterproofing membrane to be used as a protection of footings above and below water table. Also for wet rooms and miscellaneous works in non-critical applications.

COMPOSITION

Main surface	Black HPDE foil of 0.08 mm UV resistant.
Blend	Adhesive SBS (Styrene-Butadiene-Styrene) elastomeric bitumen
Reinforcement	Black HPDE foil of 0.08 mm applied on surface
Bottom face	Release film


DIMENSIONAL CHARACTERISTICS

Thickness (mm)	1.5
Nominal width (mm)	1000
Roll nominal length (m)	20.20
Area density (g/m ²)	1510
Weight of a roll (kg)	30.5

PERFORMANCES

KIND OF TEST	Reference Norm	Units	Average values
Thickness	EN 1849-1	mm	1.5
	ASTM D 5147 section 15	mm	1.5
Tensile strength at max	EN 12 311-1	N/50mm	70 x 70
	ASTM D 5147 section 6	kN/m	1.9 x 1.9
Elongation at max	EN 12 311-1	%	5 x 5
	ASTM D 5147 section 6	%	7.3 x 7.3
Nail tearing resistance	EN 12310-1	N	70 x 70
Cold temperature flexibility	EN 1109	°C	- 20
	ASTM D 5147 section 11	°C	≤ - 20
Static puncture resistance	EN 12730	kg	20
Water vapor resistance	EN 12572	m ² .s.Pa/kg	1.4E+13

ISO 9001 REFERENCE DOCUMENT

<p>Our products are manufactured by certified ISO 9001 plants</p>	
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PACKAGING

Rolls on individual cardboard quantity per truck pallet	16
Rolls on individual cardboard quantity per container pallet	20
Rolls without individual cardboard quantity per wooden box	16

GENERALITIES ABOUT APPLICATION

Application	Self-adhesive application over concrete. The adhesive is activated with hot air in case of temperature < 15°C.
Approved Substrate	Concrete clean, dry, free of grease, brushed and without aggressive asperities. Concrete is primed with ADEPRIMAIRE or SIPLAST PRIMER or IMPRESION VERAL at a rate of 0,3L/m ² .
Vertical walls Installation procedure	Allow the primed substrate to dry. Membrane length is maximum 3mt. Put in position the membrane without removing the back facing release film. Release the Adeti back facing silicone film starting for the top for about 30-40cm and press to obtain a good adhesion. Release the remaining part of the back facing film and press using a rubber roller to obtain a correct adhesion over the substrate. Apply 4 mechanical fixings on head using 8/10 mm galvanised steel washers such as 40x40mm SCR Alliance plates and suitable fixations.
Overlaps	Minimum 100mm for side laps and head laps. Head laps have to be staggered.
Flashings	Bande Solin CE73 aluminium flashing top protection
Protection	Fonda+, or Fonda GTX or Prim'Nap HDPE embossed protection layer.

COMPLEMENTARY 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. 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, and RTMDR)
Complementary information	This document 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.