

**Product Technical Information**

ITA 417

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# FONDAFOR

**Product Description and uses**

Elastomeric bituminous waterproofing membrane for underground works.



**Composition**

Surface	Mineral self protection
Blend	SBS elastomeric blend with anti-root agent
Reinforcement	Nonwoven polyester
Bottom surface	Thermofusible plastic film

**Dimensions**

	Nominal value
Thickness at the selvedge (mm)	3.2
Length (m)	8
Width (m)	1
Weight of a roll (kg)	39.8
Weight/m <sup>2</sup> (kg)	5

**Physical and Mechanical Properties**

	Norm	Unit	Nominal values
Tensile strength	EN 12311-1	N/5cm	850 x 600
Elongation	EN 12311-1	%	40 x 49
Cold bending resistance	EN 1109	°C	-20
Heat flow resistance	EN 1110	°C	100
Dimensional stability	EN 1107-1	%	-0.5
Shear joint resistance (side lap x head lap)	EN 12317-1	N/50mm	600 x 900
Static puncture resistance ( hard substrate)	EN 12730 B	kg	20
Impact resistance ( hard substrate)	EN 12691	mm	800
Waterproofing	EN 1928-	-	Pass
Vapour resistance	EN 1931	m <sup>2</sup> .s.Pa/kg	1.4 E +12

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### Packaging

Rolls quantity per truck pallet	24
Rolls quantity per container pallet	25
Rolls quantity per wooden box	27

### Generalities about application

Using	Underground foundation walls
Application	This product is torch applied on concrete buried foundation walls previously treated with Siplast Primer at a rate of around 0.3l/m <sup>2</sup> .
Overlaps	Side laps: 90mm - End laps : 100mm

### 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, et RTMDR)
Complementary information	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.