

FONDALINE®

Damp proofing and drainage membrane for foundations

- High quality
- High pressure resistance
- Durable



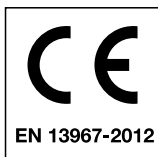
WATERPROOF



MECHANICAL
RESISTANCE



IMPACT
RESISTANT



onduline®

www.onduline.com.tr

FONDALINE®



Fondaline is a High Density Polyethylene membrane (HDPE) for the protection of the parts of your house which are underground.

Range of foundation protection membranes



INDIVIDUAL & COLLECTIVE HOUSING



LEISURE HOUSING



COMMERCIAL BUILDINGS AND RESORTS



PUBLIC-ACCESS BUILDINGS



STORAGE BUILDING



RENOVATION



PROTECTION FOR FOUNDATION WALLS

By forming a protective shield on foundation surfaces and making the walls more robust, Fondaline makes the building safer. In actual fact, if damp is the main cause of rust in steel, it can cause a serious damage to foundation materials and as a result to the stability of the building.

GROUND WATER DRAINAGE

Fondaline is a HDPE membrane which by virtue of its semi-conical contours forms a gap between the structure and the wall. It creates a drainage system through ventilated gaps which protect the sunken wall. Initially it absorbs hydrostatic pressure from the surface and below ground, then evacuates it via an underground channel and evaporation ducts. This way ground water does not infiltrate the foundations and leaves surfaces undamaged.



Properties

Due to its low weight, its flexibility and durability Fondaline can be applied up to a depth of 5 meters. The Fondaline texture in HDPE has been specially designed to protect underground levels and foundations from impacts during excavations and ground movements. In addition to its acoustic attributes, the membrane can withstand roots and high pressure.

Fondaline enables permanent water drainage and protect your walls against damp and prevents the appearance of cracks and moisture.

Fondaline withstands all chemical agents which are naturally present in the ground. In addition it is neutral and resistant to rainwater.

TECHNICAL SPECS	UNIT	FONDALINE 400	FONDALINE 500	FONDALINE 600
Composition		High Density Polyethylene (HDPE)		
Colours		Black all faces		
Thickness		0,30	0,40	0,40
Weight	gr/m ²	400 gr/m ²	500 gr/m ²	600 gr/m ²
Roll length	m	20		
Roll height	m	2		
Pressure resistance	kN/m ²	150	200	250
Dimple height	mm	8		
Dimple density	u//m ²	2000	2000	2000
Elongation at break	%	>20		
Tear resistance	kN/5 cm	200 N/5 cm	200 N/5 cm	300 N/5 cm
Static puncture	N	250 N	250 N	250 N
Temperature stability	°C	-30°C/ +80°C	-30°C/ +80°C	-30°C/ +80°C

Total waterproofing solution

Waterproofing range

Following the nature of the place, land, wall and water damage risk, Onduline range of waterproofing materials should be used to complete the work.



BITULINE

Modified bitumen waterproofing membranes with non-woven polyester reinforcement which resists to temperatures from -5°C to -20°C torch applied to the foundation walls coated with Bituline primer. Produced in thicknesses of 3 mm, 4 mm and 5 mm Bituline waterproofing membranes are produced in rolls of 1 m x 10 m.



BITULINE PRIMER

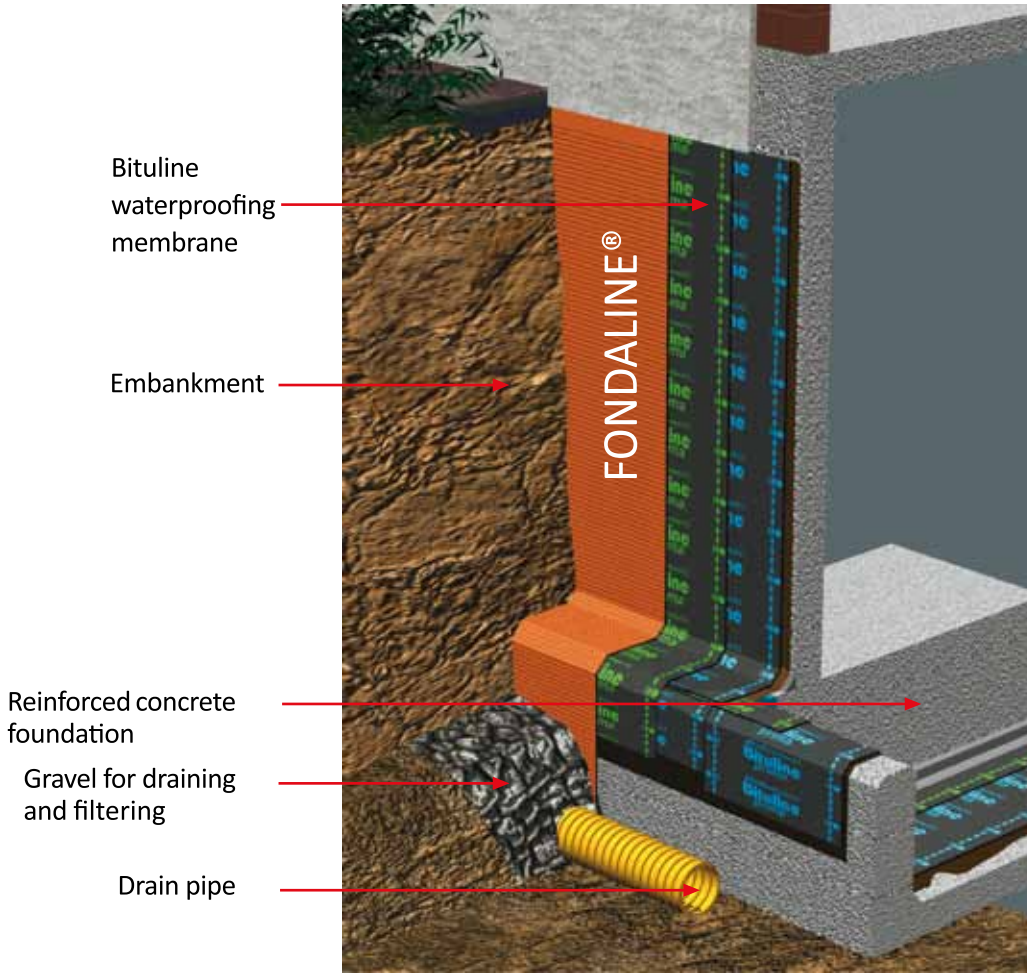
Non-ionic bitumen emulsion. Bituline primer is used as a primer for all surfaces before the use of waterproofing membrane Bituline and drainage membrane Fondaline. Bituline primer is packed in 17 kg tin. 1 tin is enough for 40 m² by adding ¼ of water.



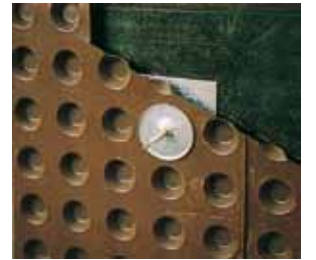
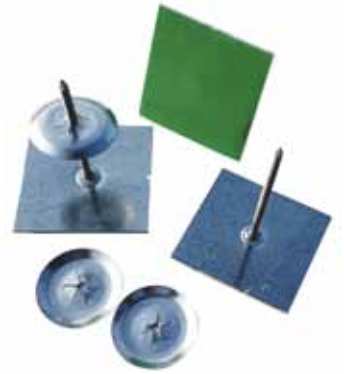
ONDULIKIT OLB

Liquid waterproofing system Ondulikit is a bitumen/rubber mono-component waterproofing product. It is particularly used in areas where fire torch cannot be used or in places where waterproofing membrane cannot be used such as box gutters, angular artworks or places difficult to access. Ondulikit can be used for new constructions as well as the renovations of existing walls.

Installation



FONDALINE® fixing device
(self-sticking base)



Onduline®
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