

FLEXOBIT®

Tanking Technology



BITUFA
Waterproofing B.V.

FLEXOBIT®

The value of good performing basement waterproofing is very high. In many cases water leak problems cause a lot of trouble and considerable costs. A quality tanking must satisfy the following criteria:

- a good construction;
- a good waterproofing system;
- expert installation.

When these three are properly geared to each other, a quality tanking with a long service life will be the result. Extensive know-how and many years practical experience make it possible for Bitufa Waterproofing B.V. to guarantee that all three criteria are amply satisfied. Bitufa Waterproofing B.V. adds an extra dimension to tanking.

Flexobit consists of a 5 mm thick homogeneous membrane. Its compound is a pure bitumen-SBS mixture with no fillers or reinforcements. Its joints have the same characteristics as the other parts of the membrane. Flexobit is highly elastic and can be moulded in three directions which make the detailing work (cor-

ners, penetrations around piles) safe and fast. For high walls, Flexobit v can be used.

One layer of Flexobit is superior to two or more layers of other reinforced non-homogeneous membranes.

For a complete set of drawings in specific basement constructions, please consult Bitufa Waterproofing B.V. c.q. your local dealer.

Advantages of Flexobit:

- 1000 % elongation with full recovery;
- mouldable in three directions;
- 5 mm homogeneous thickness;
- no fillers are added to the compound;
- no reinforcement inside the membrane;
- high static and dynamic penetration resistance (self healing);
- no retraction of the membrane out of difficult positions;
- Seams have the same characteristics as the membrane itself;
- Takes any shape without need for cutting;
- Bridges cracks up to 10 cm.

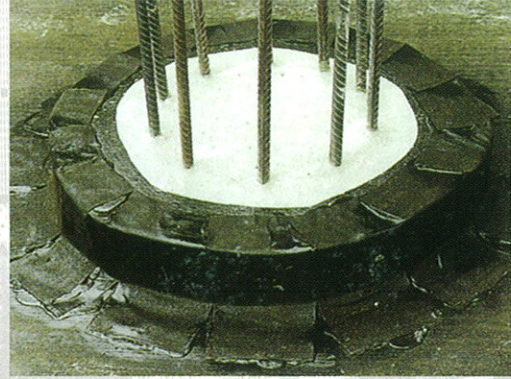
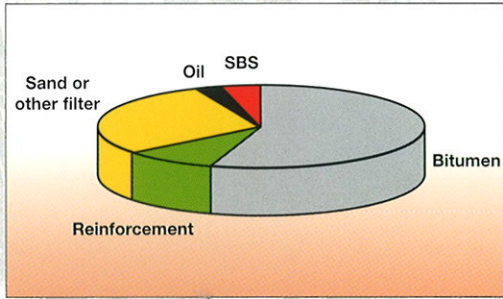


Which system would you rather have?

Either:

Reinforced SBS modified bituminous membrane 5 mm thick.

Reinforced membrane

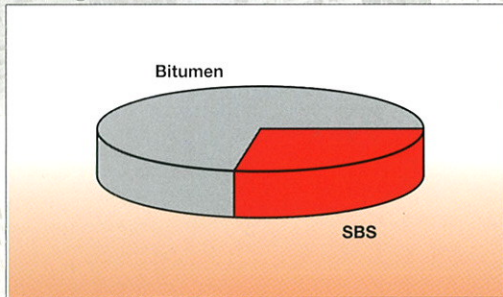


Detail at pile, using SBS modified bituminous reinforced membrane.

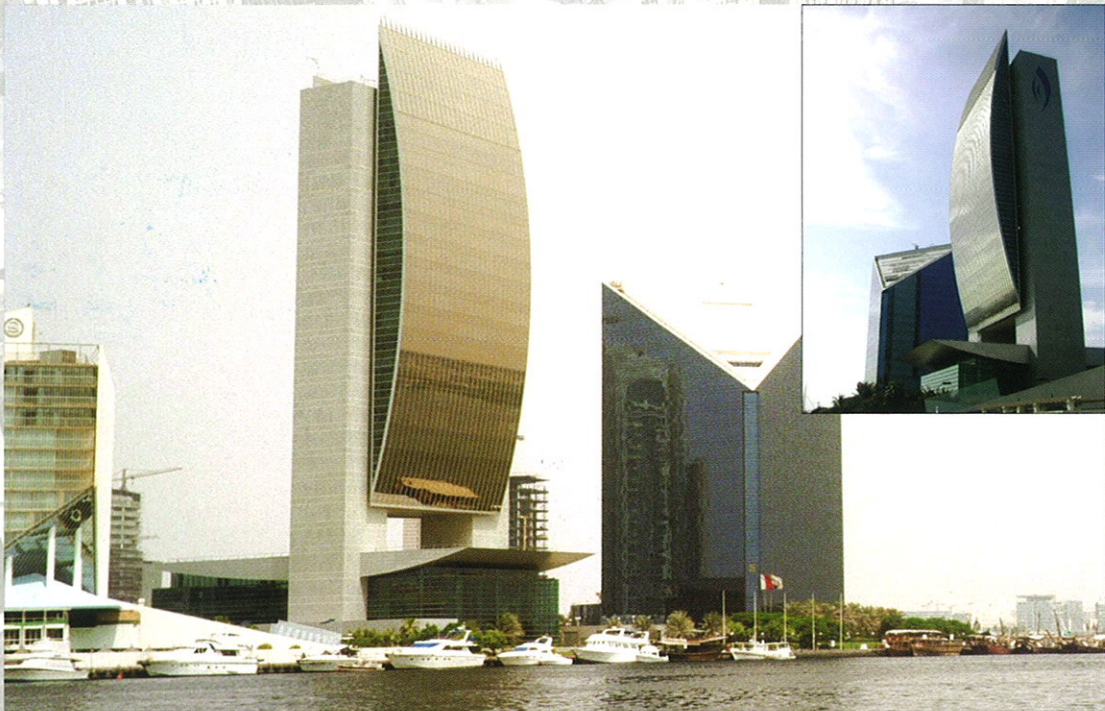
Or:

Non reinforced 20 % SBS modified bituminous 5 mm thick Flexobit membrane.

Homogeneous



Detail at pile, using 20% SBS modified homogeneous bituminous membrane.



FLEXOBIT®
Quality at the highest level.

Material Specifications

Flexobit 5 mm sanded

Subject	Test Method	Nominal Value	Unit	Tolerance
Length	EN 1848-1	5,00	m	- 0.05
Width	EN 1848-1	1,00	m	± 0.01
Thickness	EN 1849-1	5,0	mm	± 0.3
Mass per m ²	EN 1849-1	5200	g/m ²	± 520
Mass variation in width direction	NEN 2087	1,0	-	+ 0.20
Bitumen quantity total	NEN 2087	4000	g/m ²	- 0
Filler content		0	%	+ 5
Flow temperature	EN 1110	100	°C	-0
Flow temp. after ageing	EN 1296/EN 1110	85	°C	-0
Cold bending temperature	NEN 1109	-25	°C	+0
Cold bending temperature after ageing	EN 1296/1109	-20	°C	+0
Tensile strength at 750% elongation				
*length	ISO 37	0,4	N/mm ²	± 0,2
*width	ISO 37	0,4	N/mm ²	± 0,2
Elongation at break length	ISO 37	1000	%	-0
Elongation at break width	ISO 37	1000	%	-0

With certificate number BD-077, Intron Certificatie B.V. has declared that this product is in accordance with the Dutch law regarding emissions to groundwater and surface water.



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