



## Product Data Sheet

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# VARZFLEX® 4A/F

### Description

Varziran waterproofing membrane, **Varzflex® 4A/F** consists of a polyester felt impregnated and covered on both sides with SBS (Styrene-Butadiene-Styrene) modified bitumen. Top surface is finished with Aggregate coating and the bottom covered with PP (Polypropylene) or PE (Polyethylene) film, which in turn prevents the membrane from unwanted sticking during transportation and storage.

### Advantages

The excellent elastic properties of **Varzflex® 4A/F** makes this product suitable especially for places with cold winter or use for roof finish surfaces. Outstanding durability, tensile strength and resistance to impact are the other advantages of this product.

### General Usage

Roof finish surfaces

### General information

#### Color

Black

#### Bitumen Type

SBS-modified bitumen

#### Reinforcement

Polyester 230 gr/m<sup>2</sup>

#### Roll length

10 m

#### Roll width

1 m

#### Packaging

20 Shrunken rolls in vertical position on 110 × 110 × 11 cm wooden pallets. Whole pallet is Wrapped with wrapping film.

#### Storage

In vertical position, in sheltered and dry places

### Application

#### Application methods

Can be applied by torch. Application details are described in the Varziran application handbook.

#### Surface preparation

All surfaces must be clean, dry and free from dust and loose particles.

#### Priming

**Varzfluid® WA/2** is used. Drying time of the primer is between 12 to 24 hours depending on the environment temperature.

#### Heating

A torch, connected to a gas cylinder, which provides enough heat to bond the membrane to the surface.



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# VARZFLEX® 4A/F



- 1 Aggregate Coating
- 2 Modify Bitumen With SBS Polymer
- 3 Reinforcement
- 4 Modify Bitumen With SBS
- 5 Torch of Film

### Technical Data

Properties	Unit	Test Method	Value	Tolerance
Weight (min)	Kg./m <sup>2</sup>	EN 1849-1	4.5	± 0.2
Thickness (min)	mm.	EN 1849-1	4	± 0.2
Width	cm.	EN 1849-1	100	± 0.1
Length	m.	EN 1849-1	10	± 0.1
Straightness	mm.	EN 1849-1	pass	
Elongation (min)	LN.	EN 12311-1	50	± 5
	TR.		60	± 5
Tensile Strength at maximum force (min)	LN.	EN 12311-1	800	± 100
	TR.		650	± 100
Tear Strength (min)	LN.	EN 12310-1	300	± 50
	TR.		250	± 50
Cold Bending Test (max)	°c	EN 1109	- 25	± 2
Thermal Stability (min)	°c	EN 1110-1	110	± 2
Water Absorption (max)	visual	EN 1928	pass	