



VARZPLAST® ALP/F (Bronze)

Description Varziran waterproofing membrane, **Varzplast® ALP/F (Bronze)** consists of polyester felt impregnated and covered on both sides with APP (Atactic-Poly-Propylene) modified bitumen. Top surface is finished with Patterned Aluminum foil in order to prevent the membrane from unwanted sticking during transportation and storage.

Advantages The excellent properties of **Varzplast® ALP/F (Bronze)** makes this product suitable especially for places with moderate temperature. Outstanding durability, tensile strength and resistance to impact are the other advantages of this product.

General Usage -Roof finish surfaces
-Walls

General information

Color Black

Bitumen Type APP modified bitumen

Reinforcement Two Layer Fiber Glass & Polyester

Roll length 10 m

Roll width 1 m

Packaging 20 Shrunken rolls in vertical position on 100 × 120 × 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.

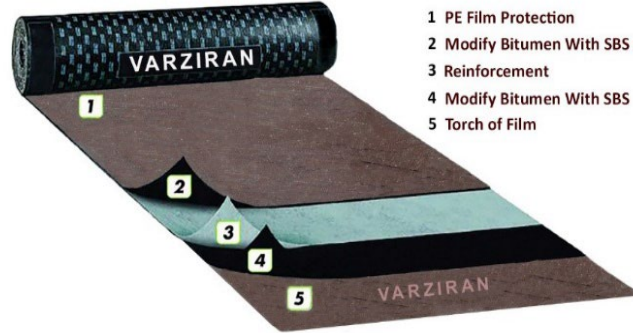
Heating A torch, connected to a gas cylinder, which provides enough heat to bond the membrane to the surface.



Product Data Sheet

REV 99
Page: 1 of 2

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- 1 PE Film Protection
- 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 ²	EN 1849-1	4.0	± 0.2	
Thickness (min)	mm.	EN 1849-1	3.5	± 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	25	± 5
	TR.			25	± 5
Tensile Strength at maximum force (min)					
	LN.	N/5cm.	EN 12311-1	400	± 100
	TR.			300	± 100
Tear Strength (min)					
	LN.	N	EN 12310-1	120	± 50
	TR.			120	± 50
Cold Bending Test (max)	°c	EN 1109	0	± 2	
Thermal Stability (min)	°c	EN 1110-1	130	± 2	
Water Absorption (max)	visual	EN 1928	pass		