

SanalAzarTabriz

سانال آذر تبریز



## MANUFACTURER OF BITUMEN WATERPROOFING MEMBRANES





**Sanal Azar Tabriz Company**

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# About us

Sanal Azar Tabriz Company was established in 2003 with the aim of producing all kinds of waterproofing and building materials in accordance with the latest world standards in Ayatollah Hashemi Rafsanjani Town (Specialized Town of Construction Industries).





This company has tried to produce products based on scientific principles, the best quality and competition with the latest products in the world, and for this reason, by using high quality raw materials with first-class quality, has tried to keep the useful life of its products in line with Increase reasonable price feature and environmental friendliness.

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**We are eager  
to cooperate  
with you**



**Modern equipment**

Using modern equipment  
and devices



**Experienced expts**

Employing experts and  
experienced personnels



**Research and  
development**

Accept and implement  
new ideas globally



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# Our products



**ISOLINE**



Sanal Azar Tabriz company is a manufacturer of bitumen waterproofing membranes under the brands of Paytakht, Isoline PRUF IL and Emaratsaz. In this company, all the waterproofing products are produced using high-quality raw materials in accordance with global quality control standards and in addition, experienced experts are working continuously to improve the quality of the product. Compatibility with different weather conditions, longer durability, reasonable price and ease of purchase and installation are other superior features of waterproofing. Also, the products of Sanal Azar Tabriz company are produced and supplied under the supervision of the company's well-equipped laboratories and according to many regions with different climates and temperatures.

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All the waterproofing products of this company have the national standard mark of Iran and CE and ISO9001 certificates.



In the following, we will check the details of each of the waterproofing brands of Sanal Azar Tabriz company, stay with us.



Paytakht waterproofing membrane is one of the best brands produced in Sanal Azar Tabriz company. Paytakht waterproofing consists of a bituminous layer and a double layer of tissue and polyester (glass wool fibers). It also has layers of refinery bitumen and polymer materials and other compounds specific to Sanal Azar Tabriz. Paytakht waterproofing is produced in two categories, with aluminum foil and without foil, which is covered with polyethylene film.



# Paytakht

Paytakht waterproofing membrane consists of various layers, including a 4 mm membrane of refined bitumen with A.P.P polymer (70% per square meter), a tissue layer (66 thread glass fibers), a 160 gram polyester layer, and an outer layer which is 16 micron aluminum foil.

The tissue layer strengthens the elasticity of the insulation and the polyester layer absorbs more bituminous materials and also prevents the permeability of the waterproofing against moisture and water. This product is produced in two types: without foil and foiled.



# Paytakht waterproofing specification table

## Technical specifications of Paytakht waterproofing

Attribute	Unit	Result
Standard length	M	$10 \pm 01$
Standard width	M	$1 \pm 0.1$
Standard thickness	mm	$4 \pm 0.2$
Standard weight	kg	42
Saturate flash point	°C	+250
Tensile strength of max load	kg/5cm	Longitudinal 40
	kg/5cm	Transverse 30
Saturating mixture	Refined tar + B.P.P polymer	
Bed type	Polyester + tissues (fiber glass)	
Outer surface	Mineral powder or polyethylene film or aluminium cladding	
Inner surface	Polyethylene film	

# Isoline PRUF IL

Isoline PRUF IL waterproofing is one of the best and highest quality products of Sanal Azar Tabriz company. To produce this waterproofing membrane, the most up-to-date scientific knowledge of the waterproofing industry in the whole world has been used, and high-quality raw materials have been used in the production of it.



Isoline PRUF IL waterproofing has been tested by the technical research team in the equipped laboratory of Sanal Azar Company in Tabriz and by passing the quality control steps, it was able to surpass similar products. The uses of Isoline PRUF IL waterproofing are as follows:

Roofs, building facades, building foundations, swimming pools, water tanks for swimming pools and saunas, tunnels, water channels, toilets and bathrooms, cold stores, dams, air bridges, airport runways, parking lots, water, gas and oil pipes.

Isoline PRUF IL waterproofing consists of a 4 mm membrane of refinery modified bitumen with A.P.P polymer (68% per square meter). It also consists of a tissue layer (66 thread glass fibers), a 140 gram polyester layer and an outer layer of 14 micron aluminum foil.

### Technical specifications of Isoline PRUF IL waterproofing

Attribute	Unit	Result
Standard length	M	$10 \pm 0.1$
Standard width	M	$1 \pm 0.1$
Standard thickness	mm	$4 \pm 0.2$
Standard weight	kg	42
Saturate flash point	°C	+250
Tensile strength of max load	kg/5cm	Longitudinal 40
	kg/5cm	Transverse 30
Saturating mixture	Refined tar + B.P.P polymer	
Bed type	Polyester + tissues (fiber glass)	
Outer surface	Mineral powder or polyethylene film or aluminium cladding	
Inner surface	Polyethylene film	

Building waterproofing is one of the best and most economical waterproofing brands of Sanal Azar Tabriz company. In the production of this product, high-quality raw materials and special compounds of Sanal Azar company have been used. Izogam is produced by using the specialized knowledge of experts and using modern fully automatic equipment.

Also, this product has passed all the exclusive tests of Sanal Azar and has been able to become the best waterproofing choice for inside and outside the country.



# Emarat saz waterproofing specification table

**Technical specifications of Emarat saz waterproofing**

Attribute	Unit	Result
Standard length	M	$10 \pm 0.1$
Standard width	M	$1 \pm 0.1$
Standard thickness	mm	$3.7 \pm 0.2$
Standard weight	kg	$40 \pm 2$
Saturate flash point	°C	+250
Tensile strength of max load	kg/5cm	Longitudinal 40
	kg/5cm	Transverse 30
Saturating mixture	Refined tar + B.P.P polymer	
Bed type	Polyester + tissues (fiber glass)	
Outer surface	Mineral powder or polyethylene film or aluminium cladding	
Inner surface	Polyethylene film	

# Emarat saz

tissue layer  
(66 thread glass  
fibers)


a 3.7 mm membrane  
of refinery modified  
bitumen with A.P.P  
polymer (65% per  
square meter)



a 120 gram  
polyester laye



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