

# İZOLA

## ANIONIC BITUMEN EMULSION

### DEFINITION

It is a waterproofing material ready to use obtained by mixing water and bitumen by using special methods. After the evaporation of the structural water, it makes a waterproof layer on the applied surface.

### USING AREAS

- İZOLA is used as a priming coat before the application of all brands of bitumen membranes. Thanks to the superior sticking property, it provides a stronger and no cavity-surface sticking for the bitumen membranes applied on it.
- The cavities in the base can be corrected or a protective layer can be established on the insulation part, with alum obtained by mixing İZOLA and sieved thin sand and some cement and applying with a trowel.
- For the application of the gluing of the parquets with hot bitumen, it is applied on alum as a primary coating.
- In order to disassemble the constructional moulds it is applied to constructional moulds and a plain surface is obtained and prevents the harm effect of the concrete water to the moulds.

### TECHNICAL PROPERTIES

TURKISH STANDARD NO.	: 113
BASE	: Bitumen
THINNER	: Water
COLOUR	: Brown in the Package, Black after Drying

PROPERTIES	UNIT	VALUE RANGE		TEST METHOD	RESULT
		Min.	Max.		
Density	g/L	980	1080	TS 132	1080
Evaporation Residue	%	45	55	TS 132	55
Ash Amount of Residue	%	5	25	TS 132	9
The Amount of Water	%	—	55	TS 132	44
Stiffness of Asphalt Layer After Curing	Hour	—	24	TS 132	20
Solid Content Ratio	%				50±1
Application Temperature	°C				5 - 35
Softening Point	°C				70
Drying Time	Saat				Touching :1 Hour Full Drying : 5-6 Hours Test : 8 Days

SUBSTANCE	CONSANTRATION (%)	TEMPERATURE (≤30°C)	TEMPERATURE (≤65°C)
Salt Solutions		+	+
Chlorides		+	+
Nitrates		+	+
Sulphates		+	+

EMÜLZER ASFALTEVİ TECRİT MADDELERİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ

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## ADVANTAGES

It is very economical.  
Can be easily applied by anyone.  
It can be used in closed areas for not containing toxic and flammable substances  
After the evaporation of the structural water, establishes a waterproof layer not redissolving with water.  
Creates a seamless insulation layer.  
Because it is water based, it is environmentally friendly.  
Because it is thinned with water, it adheres perfectly to all kind of surfaces, even when the surface is moist.  
Ready to use.  
Must be applied cold. Does not require heating or thinning.  
It is resistant to salty water.

## SURFACE PREPARATION

The application surface should be without dust, rust, dirt, grease and oil and the loose parts should be scrapped out.  
The sharp points or horizontal-vertical joint places subject to cracking should be rounded.  
The large pores and the cracks should be filled with EMÜLDERZ jointing paste.

## APPLICATION

IZOLA is cold applicable.  
After mixing with the water with 20% percentage, it is applied by bitumen brush, roller or gun.  
It dries within about 4-5 hours depending on the weather conditions.  
It should not apply in rainy days or with the temperatures lower than +5°C.  
A new layer should not be applied before the previous one has fully dried.

## CLEANING OF THE TOOLS

The cleaning of the tools is accomplished with soapy water just after the usage but with industrial type of solvents after it dried.

## CONSUMPTION

400 gr/m<sup>2</sup>

## PACKAGING

NET 17 kg METAL CANISTER  
200 kg BARREL

## PRECAUTIONS

IZOLA should be prevented from freezing while in package.  
Keep off from the reach of the children.  
The eyes and the skin should be protected while working with all kinds of chemicals.  
Because this bulleting has been prepared considering the general conditions only, for the details except for the ones written above, please request additional written information otherwise no responsibility will be assumed due to the faults arising because of the insufficient data.  
This technical bulletin invalidates the previous ones regarding this product.

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