

**ENİN**İNŞAAT

**YALITIM VE YAPI KİMYASALLARI**

# ENNİNSAAT

## YALITIM VE YAPI KİMYASALLARI

### ABOUT US

Our company started to operate at the beginning of 2016, Established as a limited company .Our company is active in water insulation, moisture and humidity control, negative water insulation and capillary water elevation. Our company Works with the understanding of EXACT SOLUTION AND CUSTOMERS SATISFACTION.

Our company, which follows the developing technology, has strengthened its R & D by renewing itself day by day and adding INJECTION systems to produce suitable solutions for the projects.

Our goal is to reach the expertise that can solve all kinds of specific problems. High quality, productive, efficient, solution-oriented, long-term success by carrying our success is to carry

What is important for our company is not only to grow and win. It is to develop strategies that will ensure sustainable competitiveness through continuous development.

### OUR SERVICES

**BASİS WATERPROOFİNG**

**TERRACE WATERPROOFİNG**

**WATERPROOFİNG  
APPLICATION IN ELEVATOR WELLS**

**REINFORCED CONCRETE  
WALL WATERPROOFİNG APPLICATION**

**DILATATION WATERPROOFİNG  
APPLICATION**

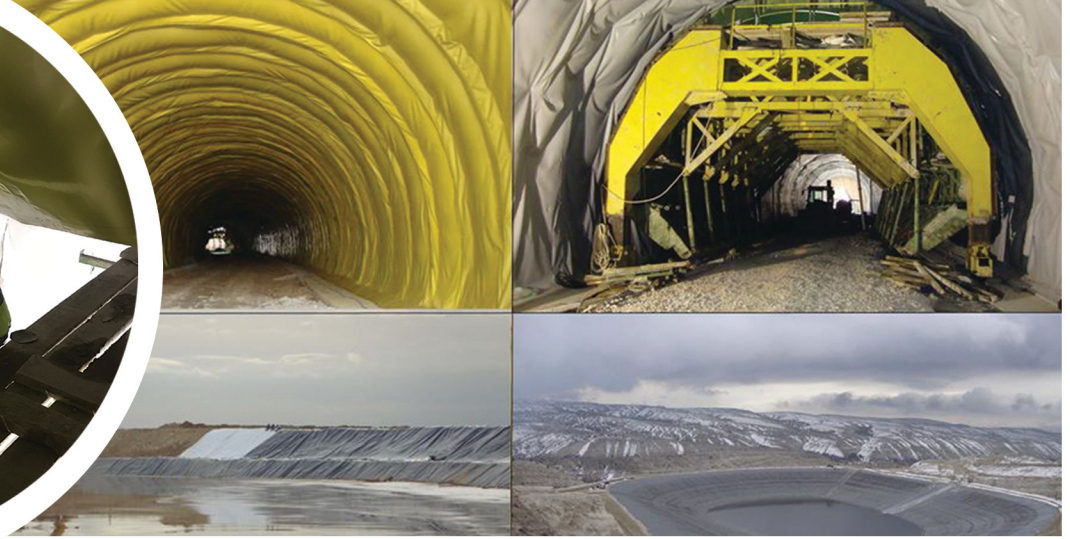
**Pool and Water Tank  
Applications**

**TUNNEL INSULATION**

**NEGATIVE WATERPROOFİNG  
APPLICATION**

**ISOLATION OF WET  
VOLUMES**

## TUNNEL INSULATION PVC GEOMEMBRANE



Tunnel waterproofing systems are applied by our expert team in all buildings by ENN Construction. Since there is water in every place where the building is located, it is among our company's policies to design and implement waterproofing systems in the most appropriate way.

Tunnels are generally structurally flooded by groundwater. In fact, many tunnels are located in cavities in the mountains or hills.

Our company continues its waterproofing works with many techniques in new tunnels that require repair. The technical staff is formed by expert engineers and architects .

Tunnels are special structures and can be evaluated as water structure according to the regions where they are built. Therefore, tunnel waterproofing works in tunnels contain more details than other structures.

We, as ENN CONSTRUCTION, follow the developing technology closely and follow the latest technology GEOMEMBRAN materials .





## Reinforced Concrete Wall Waterproofing Application

It is an insulation system that protects the curtain walls against earth water and moisture in the soil. Waterproofing is made with covering types such as sliding based (Bitumen + powder) and membrane (Bituminous, Pvc, Epdm, Tpo).

If there are bundling membranes from the foundation, the curtain must be combined with waterproofing. In curtain insulations, sliding-based materials should be preferred since they do not leave spaces between seamless and concrete.

Spread based materials should be resistant to alkalis in the soil.

After the waterproofing is finished, it is necessary to use thermal insulation (XPS) and drainage plate as a protective layer to protect the excavation from damage.





## ISOLATION OF WET VOLUMES

The structure is divided into structures where the buildings are exposed to the most intense water and high humidity, and the ventilation is generally not sufficient, but waterproofing is inevitable. The most common problem in wet volume manufacturing is the correct and permanent application of waterproofing.

Success in waterproofing applications is not only possible with the performance of the specified waterproofing product, but also with the correct operation and detailing of the components that make up the system together.

Developing construction technologies allow partition systems to be constructed with various types and structure elements. The behavior of these elements (thermal expansion, deformation, etc.) is very different from each other and has a significant effect on the performance of the waterproofing system. Therefore, the application of a correct waterproofing system is possible by analyzing the structure well and bringing the right product and system components together.



## Terrace Waterproofing Application



### TERRACE WATERPROOFING APPLICATION

It provides water and heat insulation on toured and non-visited terraces.

It is a form of application that eliminates water, moisture and mold problems in the ceiling sections under terrace concrete and provides heat saving. Material preference should be made according to coating type and navigability.

Sliding based materials (Cement based, Polyurethane based, Elastomeric resin based, Hybrid based, Bitumen based etc.)

Cover type materials (Pvc, Epdm, Geo, Bituminous etc.)





# Dilatation

## WATERPROOFING APPLICATION



## Dilatation Waterproofing Application

When a building is being constructed, some calculations are made in terms of engineering and there are gaps left along the length where necessary.

It has four main objectives. These are sitting and expansion, earthquake, vibration, movement gaps.

These gaps should be isolated from water and other effects in order to prevent the building from being damaged by the movements over time. The methods applied to close these joint gaps are called dilatation isolation.



## Negative Waterproofing Application and Chemical Injection Application



### Negative Waterproofing Application and Chemical Injection Application

There are two types of insulation in buildings. The insulation made from the direction of water pressure is called positive insulation. The insulation made from the opposite direction of water pressure is called negative insulation.

Negative insulation is used by our company because the insulation made from the positive side does not yield results. Insulation problem is solved by detecting the water areas of the building from the basement floor and injecting the appropriate chemical material into the concrete.