

# BASEMENT FLOOR RENOVATION

The basement floors of old buildings are not usually of the same standard as today's concrete slab. Therefore, use of such basements is fairly restricted. Our basement floor renovation effectively seals humid basement floors. Following renovation works, all kinds of objects, including those susceptible to moisture (ie: cardboard boxes) can be stored once again on the basement floor.

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**ISOTEC**  
WORKMANSHIP  
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## The problem: Humid basement floors

Until the early seventies there were many different types of basement floors. The most common practice was to place thin layers of mediocre concrete or even bricks applied directly onto the ground soil. Due to the capillary moisture of these types of basement floors, the basements weren't adequate for use.



## Our 1st step: Preparation

Firstly, we clean the floor of any residues or dirt. We close open joints and level out irregularities. Then, we carefully clean the surface.



## Our 2nd step: Sealing

We apply a special sealant to the floor and spread it evenly. This first layer causes the floor to harden and seals it against capillary moisture.



## Our 3rd step: Protecting layer

Once the sealant has dried completely, we apply a special adhesive layer. On top of this layer, we apply a levelling agent. Once dried, it acts as a protecting layer and is ready to use. At this point the floor can be painted with a special floor paint as required.

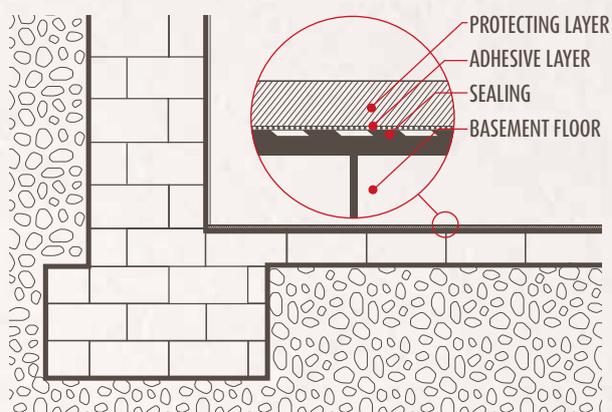


In the last 25 years the ISOTEC Group has successfully sealed more than 100.000 properties in Germany, Austria and Switzerland.

The basement floor in this residential and commercial building was constructed from basic bricks. Thanks to the ISOTEC Basement Floor Renovation system, the basement can be used again and its floor is visually appealing.

## Thin Construction - Great sealing effect

The ISOTEC Basement Floor Renovation applies a coating system specifically developed to control the capillary moisture of basement floors. It acts as an effective moisture and steam barrier, of approximately 4 mm thickness or more. Therefore, the construction of a subsequent concrete slab is not necessary.



## Basement renovation completely from the inside

Apart from the renovation of the basement floor, the interior walls can easily be sealed as well. In order to do so, the basement floor coating will be connected to the previously applied wall sealant. After the renovation work has been completed, the basement will be prepared again for previous usage, for example as a storage room or workshop.

## ISOTEC Quality

Examined extensively – **scientifically confirmed.**  
At ISOTEC we only apply systems which have successfully passed the strictest tests.

## Your benefits at a glance

- ✓ Thin coating system
- ✓ Increase in property value
- ✓ Successful sanitation guaranteed
- ✓ No excavation of existing floor
- ✓ Certified material
- ✓ Can be combined with interior sealing