

## PT Proofflex Premium 150 -active-

**- Fresh concrete bonding element for sealing of construction joints -  
(permanently active, excellent adhesion to fresh concrete, no protection foil  
required, pressure-sensitive elastic special adhesive)**

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### Product description

PT Proofflex Premium 150 -active- is a joint sealing element made of galvanized metal sheet element. The element has a length of 2000 mm and a height of 150 mm. The total thickness is approx. 1.9 mm. PT Proofflex Premium 150 -active- has a very special elastic coating on both sides. The special coating consists of a pressure-sensitive special adhesive, which is coated with a special granulate to create a permanently active adhesion to fresh concrete. The active sealing is specially not set in motion by the pH value of the concrete and moisture, but functions continuously. The surface-enhancing coating results in a drastic increase in the path of the water. Compared to other product systems, a foil for protection of the coating is not required and has not to be removed before application.

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### Application areas

PT Proofflex Premium 150 -active- is used for permanent waterproofing against pressurized water in construction joints/concreting joints of walls/bottoms without an additional kicker (upstand). In addition, the joint element is used to seal concrete construction joints in the areas of wall/wall, floor/floor, wall/ceiling in building construction and civil engineering. Typical application areas are also water tanks, concrete tanks in general, „weisse Wanne“, in-situ concrete and prefabricated concrete. Also construction joints in tunnels can be sealed with PT Proofflex Premium 150 -active-.

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### Product advantages

- **Perfect bonding to fresh concrete**
- **Flexible coating**
- **Labyrinth seal**
- **Permanently active**
- **High bonding strength**
- **Elastic, no rigid mineral coating**
- **Pressure watertight, up to 5 bar**
- **Surface-enhancing coating**
- **Non sticky surface**
- **Special granulate coating**
- **Pressure sensitive coating**
- **No protection foil required**
- **No additional kicker (upstand) required**
- **Concrete covering only 3 cm (min. installation depth)**
- **Bendable for corners**
- **Horizontal and vertical application**
- **„Made in Germany“**

## Specification

Base	: galvanized metal sheet
Element height	: 150 mm
Element thickness (base)	: approx. 0,65 mm
Element length	: 2000 mm
Special coating	: Spezial adhesive + granulate with components of silicium dioxide
Special contact adhesive	: APEO-free contact coating
Total thickness of metal joint element	: approx. 1.9 mm
Color	: beige with white particals
Surface	: non-adhesive
Temperature stability	: > -40°C to +140°C
Processing temperature	: > -10°C to +60°C

All technical datas are measured in our laboraty.

The hazard information and safety advice on the safety data sheets and the container labels must be observed.

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## Delivery form

50 Elements á 2 m in a wooden box  
8 wooden boxes = one pallet

Article-No. 04600150

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## Storage

24 months (frost-free and dry, +5°C up to +25°C in original packaging)

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## Application

### Material handling

PT Proofflex Premium 150 -active- has to installed in the middle of the concrete construction joint which has to be sealed (wall/floor, wall/wall, floor/floor, wall/ceiling). Installation is carried out with separate PT Proofflex Fitting Clamp Extra (Article-No. 04910001).

The overlaps (element/element) must be made with an overlap of 5 cm. These overlappings of elements can be done in two ways, depends on expected water pressure. Water pressure up to 2 bar, only 5 cm overlapping (element/element) and secured with PT Proofflex Face Clip 100/95. Water pressure up to 5 bar, overlapping (element/element) has to be inserted with PT Proofflex BDS Tape (swellable bentonite tape 5 cm width) and secured with the PT Proofflex Face Clip 100/95. Alternatively, the overlap joint can be secured with a sealant or double sided self adhesive sealing tape. Each overlap must be secured with the PT Proofflex Face Clip 100/95 to avoid damage during concreting (safety aspect).

Due to the configuration of PT Proofflex Premium 150 -active - it can also be inserted into the fresh concrete during concreting, this is only possible as an application in the wall/floor joint and does not conform to the German regulations. In this application, it is essential to ensure that the concrete structure is not destroyed. The overlapping (element/element) must be secured with the PT Proofflex Face Clip 100/95.

The joint sealing element PT Proofflex Premium 150 -active- can be bent by hand for the application at corners and deflections.

### Recommended tools

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### Application areas:



### Remarks

The information given in this technical data sheet corresponds to the current state of development and is based on our experience, our knowledge and is non-binding. An investigation has to be done with focus on the respective building project and the area of application. The technical expert advice of proof-tec employees does not exclude the planning or control by an engineer. We are liable within the scope of our general delivery and sales conditions, we are not liable for the application of our materials. The generally accepted rules of technology must be observed. If necessary, preliminary tests have to be carried out.

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All previous versions of this technical data sheet are not valid anymore and should not be used anymore.