

## Sealing of pipe penetrations and house installations

### Range of applications:

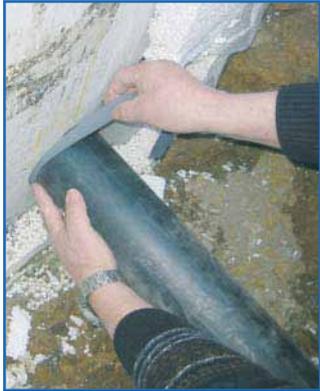
#### Renovation and new constructions

Expansion and construction joints between concrete elements.  
Pipe penetrations, ring gaps, cable coatings / wall, ceiling joints, e.g. in basement garages, buildings, masonry joints.  
All areas where movements can be expected.



### Characteristics:

A sealing gel is formed when in contact with water that fills all the cracks and voids. Additionally, the construction body near the pipe is sealed. The shape of the wall opening does not matter. Only the hose has to wrap the pipe and be pressed forward into the wall gap which next has to be filled with expansion foam.



## Sealing of concrete, expansion and construction joints with QuAsil swelling hoses and a flexible cover

### Range of applications:

#### Renovation and new constructions

Joints and cracks in all fields of building structures and civil engineering.  
Pipe penetrations, ring gaps, cable coatings, power supply.  
Wall and ceiling joints in basement garages



#### Sewage and surface water:

The Quasil sealing pellet is well suited for floor joints because it is only simply interspersed. As a cover the joints are filled with mortar or expanding foam and on top a flexible PTH swelling fleece is bonded

### Characteristics:

The swelling hose and the pellets must only be incorporated into dry joints, since the material reacts with water immediately, swells up strongly and is no longer installable.

All joints and cracks which should be sealed need no further preprocessing except the cleanup, for example cut parallel to be able to install the sealing material. Our swelling hoses or pellets adapt to any shape of joints. 1 liter QuAsil pellets can turn 300 liters of water into an elastic sealant material. Thus, apart of joints and cracks, also hidden corners in the structure can easily be sealed.

If afterwards more water loading is expected from the outside, we recommend to secure the joint top with PE plates or stainless steel sheets against the joint pressure. A technically correct installation allows a water loading of 30 bar and joints movements up to 15mm.

## Waterproofing with PTH sealing profiles also in running water

### Range of applications:

For pressurized or flowing water in cracks and joints.

Low-cost alternative to injection of polyurethane resins. In new constructions, e.g. between concrete walls and the valley of the foundation plate outside, as support against slack water.

Sealing steel or concrete sheet piles at construction sites and on slopes. Sealing water bearing cracks in underground structures (basement garages) quickly and with low costs. Penetrations of power supply lines, district heating tunnel, electrical cabinets / power distribution, etc.



### Characteristics:

Processable in flowing or stagnant water by delayed swelling. Sealing operation is completed no later than after 48 h. Various diameters and the plasticity of the material (the swelling polymer in a rubber mixture) allow the sealing of any gaps or crack. Joints need not be parallel. Joint and crack extensions occurring later are held tight due to the "final swelling" of the sealing cord.

#### The decisive advantage of the system:

Pressurized water from a joint or a crack does not need to be stopped

like until now (injections / compression), but simply by impact driving of the elastic sealing cord a 95% seal occurs immediately and after max. 48hours the area is 100% waterproof. Residual water in the bottom of walk-in sewer pipes does not

need to be shut off because the waterproofing is done under water!



**We transform water into elastic sealant material!**