

Installation of InnoElast®

The soft and permanently elastic InnoElast® Type 1 is a sealant with a high movement absorption of $\pm 25\%$. The harder, permanently elastic InnoElast® Type 2 is used to seal building joints against pressing water. InnoElast® is moisture curing, which means high air temperatures or high humidity in the ambient air accelerate the curing process (and reduce the open time), low ones slow down the curing process. Bituminous substrates can cause discolouration of the sealant without further influence. Cured residues can be removed mechanically using a scraper or spatula. The fresh product can be removed from tools with solvents. When choosing tools, ensure that they are resistant to solvents. When sealing joints against pressing water with InnoElast® Type 2, the specifications from the general building inspection test certificate must be observed.

SURFACE PREPARATION

01 - Clean surface

Surfaces must be solid, load-bearing and free from dust, grease, oils and other separating materials. The surface must be damp but not wet with a visible film. Suitable surfaces are concrete and other mineral building materials as well as, plasterboard, wood, PVC, ceramics, bitumen, etc.

02 - Insert filler cord

A 3-flank adhesion to the joint base must be prevented by inserting a suitable joint backfill cord or a strip of polyethylene.

03 - Mask joint edges (optional)

It is recommended to mask the joint edges with adhesive tape for a clean joint formation.

In case of doubt regarding substrate preparation and application, we recommend a preliminary test.

PROCESSING AS A JOINT SEALANT

04 - Application into the joint

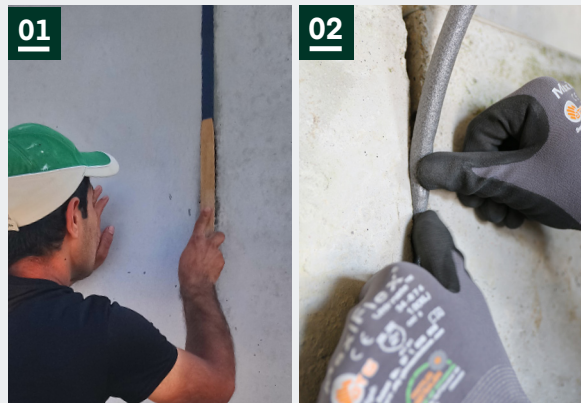
InnoElast® is applied directly into the clean joint or onto the surface using an applicator gun. Priming is not necessary if the substrate is suitable. The sealant must be applied to the joint without voids or bubbles. The maximum sealant thickness in one application should not exceed 5 cm.

05 - Pressing

A good adhesion to the pre-treated joint edges must be ensured by pressing on and then smoothing.

06 - Smoothing the joint

Pure liquid soaps and washing-up liquid (not diluted with water) are suitable as smoothing agents. Remove adhesive tapes immediately after smoothing.



PROCESSING AS A SURFACE ADHESIVE

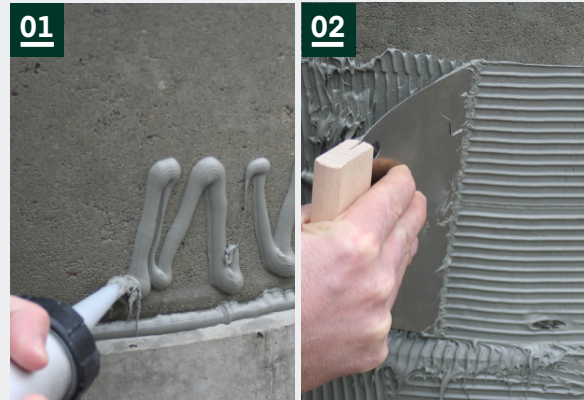
01 - Applying the adhesive

When used as a surface adhesive, InnoElast® is applied to the surface and evenly distributed in a layer thickness of 1 to 2 mm using a notched trowel, for example.

02 - Pressing on

Ensure that the adhesive is free of cavities and bubbles by pressing on the entire surface. Large-surface bonding with InnoElast® requires a moisture-permeable surface.

For impermeable surfaces, we recommend the use of LiquidElast® adhesive and sealant with artificial hardener. For tight adhesion of the ProElast® film, please observe the processing instructions in the „ProElast®-System“ data sheet.



AFTER TREATMENT

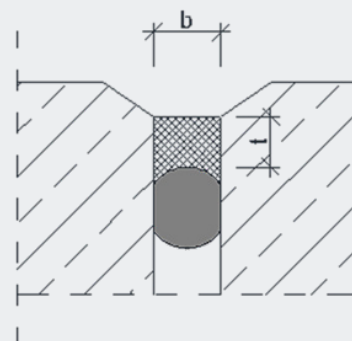
InnoElast® must be protected from moisture until a stable skin has been formed. After complete curing, the sealant must be protected from mechanical damage. In case of subsequent coating, we recommend preliminary tests due to the wide range of possible coating systems. InnoElast® is paint compatible according to DIN 52452 part 4.

CONSUMPTION AND MINIMUM JOINT COMPOUND

For joint sealing in accordance with DIN 18540, ensure that the joints are sufficiently wide (≥ 5 mm) and sufficiently deep (≥ 10 mm and $\geq \frac{1}{2}$ Width) joint formation must be ensured.

Calculation:

Consumption: 1 ml / cm³
Volume [ml/m] = $b \times t \times 100$ (values in cm)



YOU HAVE FURTHER QUESTIONS?

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Issue 06/20 – In all cases of doubt, the technical data sheets and, in the case of InnoElast® Type 2, the general building authority test certificate, which these instructions are intended to supplement, apply. These installation instructions have been technically revised. Previous editions are invalid. In case of a technically revised new edition, this edition loses its validity. Please find out whether you are in possession of the current edition.