# Technical Data Sheet

Version 05/2025

## GunXpert Injektage 650 (Profi Injektageschaum)

### Product Description

Moisture-reactive one-component polyurethane foam system from the aerosol can. For processing with a PU foam gun. Full yield and optimal foam structure is achieved only by sufficient shaking and moistening. Free from CFC, HCFC and HFC.


### Standards, tests and specifications

- EN13501: Fire behaviour B - s1, d0
- DIN 4102-1: Fire behaviour class B1
- Tensile strength: approx. 108 kPa
- Yield: approx. 55 liters per can
- DGNB/ÖGNI: Q4 in line 42

### Product Properties

- for subsequent bonding of EPS-F insulation boards in already installed external thermal insulation composite systems*
- for the subsequent reduction of air circulation between the load-bearing structure and EPS-F insulation boards in already installed external thermal insulation composite systems*
- fire behavior according EN 13501-1: "hardly inflammable", class B - s1, d0
- excellent adhesion to wood, fiber cement, aerated concrete, concrete, masonry, plaster, EPS, XPS and rigid PVC
- high bonding strength on most building substrates such as masonry, concrete and wood, on insulating materials, metals and many plastics
- heat insulating
- resistant to aging - but not to UV radiation

* Please be sure to observe the instructions in the processing instructions section



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## Areas of Application

Renovation of already installed thermal insulation composite systems made of EPS-F insulation boards

## Form of Delivery

| | |
|---|---|
| Foam colour: | green |
| Packing unit: | 12 Dosen pro Karton |
| Can: | 750 ml |

## Substrates

In any case, a tensile adhesion test according to ÖNORM B 6400-1 is recommended

### Suitable substrates:

Masonry, plaster, wood, concrete, aerated concrete, brick, clinker, wood fiber boards, various plastics, corrosion-protected metals, EPS-F, ceramics, tiles, stone

### Unsuitable substrates:

PE, PP, PTFE, oily/greasy substrates, plaster, tar, bitumen, silicone, metals at risk of corrosion, some powder coatings, release agents



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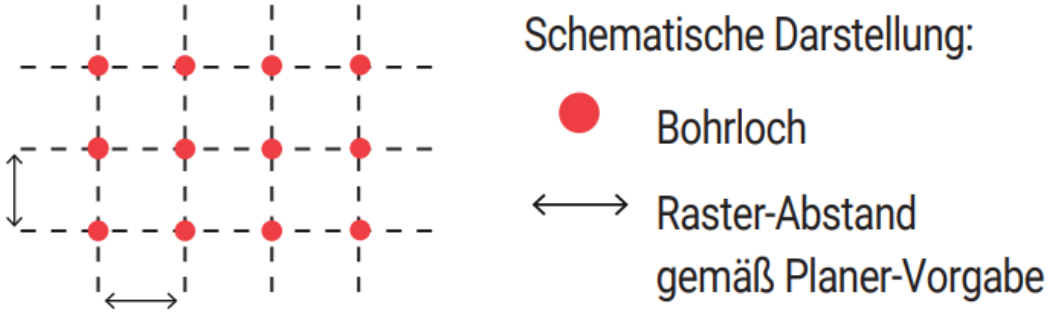
## Instructions for Use

**Important:** This product may only be used if there is a property-specific approval for the building. This approval is issued by an external expert, surveyor and/or building physicist to be commissioned by the construction company or building owner. This person/company determines the grid spacing at which the holes are to be drilled in order to achieve a suitable result for the building.




WS INSEBO cannot make a general recommendation for application because this depends on many object-specific factors, such as the substrate, adhesive used, etc.. Likewise, WS INSEBO cannot take over the planning of the renovation.

**Application as injection foam:** holes are drilled through the insulation board to the supporting structure in accordance with the grid spacing specified by the planner mentioned above. The hole diameter should be 1-2 mm larger than the outer diameter of the tube of the PU foam gun used. The hole should then be moistened with water using a spray bottle so that there is enough moisture for the injected foam to react in the best possible way. The amount of foam to be applied is specified by the above-mentioned planner on a property-specific basis. WS INSEBO cannot assume any general liability due to the varying conditions from object to object. ÖNORM B 6400 must be complied with in all cases.

**General processing instructions:** The bonding surfaces must be clean, free of release agents and load-bearing. Dust, grease, oil and loose particles must be removed. Dry substrates must be moistened before foaming. Metals must be given a protective coating to prevent corrosion damage caused by pre- and post-wetting. Cover adjacent surfaces sufficiently and wear personal protective clothing. Shake can well at least 20 times before use. Remove the lid or safety cap. Screw the foam gun onto the can and foam sparingly/dosed.

After foaming, the foam should be sprayed again with water. This accelerates the reaction and ensures optimum curing. The optimum can temperature is 20 °C. Components that are sensitive to deformation must be adequately supported until the foam has fully cured. Low temperatures slow down the curing process considerably. Substrates must have temperatures above 0 °C for the entire curing time



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## Technische Daten

| Eigenschaften | Norm | Wert |
|---|---|---|
| Fire behavior | EN 13501-1 | class B -s1, d0 |
| Fire behavior | DIN 4102-1 | class B1 |
| Dripping behavior | DIN 4102-16 | "no burning particles/drops dripping off“ |
| Processing temperature can min./max. | | +5 bis +30 °C |
| Processing temperature can optimal | | +15 bis +25 °C |
| Processing temperature environment min./max. | | +5 bis +35 °C |
| Processing temperature environment optimal | | +15 bis +25 °C |
| Yield free-foamed (20 °C/65 % RLF) | EN 17333 | approx. 55 liter / 750 ml can |
| Skin-forming time (20 °C/65 % RLF) | | approx. 7 - 10 Minuten |
| Cuttable at string thickness 2 cm (20 °C/65 % RLF) | | approx. 25 - 35 Minuten |
| Resilient after (20 °C/65 % RLF, moistened) | | approx. 3 hours |
| Form stability (20 °C/65 % RLF) | EN 17333 | ± 5 % |
| Temperature resistance | | -40 bis +80 °C kurzfristig +120 °C |
| Bulk density SKZ method | | approx. 22 kg/m³ |
| Tensile strength | EN 17333 | approx. 108 kPa |
| Compressive strength at 10 % compression | DIN 53421 | 5 - 7 N/cm² |
| Thermal conductivity | EN 12667 | ca. 0,035 W/mK |
| Shelf life (dry, at 20 ° C); higher temperatures shorten the storage time | | 12 Monate |

## Safety Instructions

Wear gloves during processing as the fresh foam sticks strongly and can only be removed mechanically after hardening. Wear safety glasses. Remove fresh foam splashes with INSEBO PU-Universal-Reiniger. Hardened PU foam can only be removed mechanically.

Store upright and cool otherwise the valve may stick. Higher temperatures shorten the storage time.

Please refer to our safety data sheet and the product label for further information on product safety and handling.Current safety data sheets and further information on our products can be found at www.insebo.com.



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## Service

Upon request, our trained sales representatives are always at your disposal.

## Disposal

For disposal instructions please refer to our safety data sheet and product label.

## Additional Information

This technical data sheet advises without obligation and guarantee. The mentioned processing instructions have to be adapted to the prevailing conditions. The user is obliged to check the suitability and application by own experiments in order to avoid failures.

All given descriptions, data, ratios, weights, etc. can change without notice and do not represent contractually agreed properties of the product. Existing laws, standards and regulations are to be observed by the recipient of our products in their own responsibility.

Due to the large number of possible influences during processing and application, a guarantee of certain properties or suitability for a specific application can not be made, own tests are necessary.

The right to make technical changes is reserved.



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