

OTTOPUR

OP 910

Technical Datasheet

Characteristics:

- 1-component mounting and insulating foam based on polyurethane
- Controlled dosage using applicator guns
- Foam yield approx. 45 l per 750 l can
- According to building material class B2

Fields of application:

- Mounting and insulating of door and window frames made of wood, steel and plastic in masonry
- Mounting and insulating of interior partition walls, window sills, etc.
- Filling of cavities of all types
- Especially suitable for narrow sealings, e. g. restoration of old buildings

Standards and tests:

- Tested according to DIN 4102-B2 - normally flammable

Important information:

A at least partly filled aerosol can should be mounted permanently to the applicator gun, so that the OTTOPUR foam in the gun stays under pressure. Please shut the adjusting screw after use.
 Never remove the can by using force.
 Do not clean the adapter with a solid object.
 When the applicator gun is put out of operation it has to be cleaned with OTTOPUR Cleaner immediately after removing the aerosol can.
 Fresh product residues can be removed with acetone or OTTOPUR Cleaner. In case of skin contact, wash with water and soap and rinse thoroughly.
Please note: Can is under pressure. Protect from UV-radiation and temperatures over +50 °C.

Technical properties:

Foam yield (free-foaming)	approx. 45 l
Cellular structure	predominantly closed cells (>80 %)
Temperature of can	+5 °C up to max. +30 °C
Temperature of substrate	not below +5 °C
Tack-free at 23 °C / 50 % RAH	after approx. 10 minutes
Cuttable, 20 mm rope	after approx. 20 minutes
Loadable, depending on the layer thickness	after approx. 3-5 hours
Volumetric weight (DIN 53420)	approx. 15 kg/m ³
Water absorption (DIN 53 428)	approx. 0,3 Vol %
Thermal conductivity (DIN 52 612)	approx. 0,04 W/mK
Temperature resistance of the foam	-40 °C up to +80 °C, temporarily +100 °C
Compressive stress at 10 % compression (following DIN 53 421)	approx. 5 N/cm ²
Compressive strength (DIN 53421)	approx. 7 N/cm ²
Shear stability (following DIN 53427)	approx. 5 N/cm ²
Tensile strength (following DIN 53430)	approx. 10 N/cm ²
Water vapour diffusion resistance number μ	approx. 19
Dimensional stability at +23 °C / 50 % RAH	approx. 10 %
Shelf life at 23 °C / 50 % RAH in original, unopened packagings	12 months (store cans upright)
Colour	yellowish

These data are not suitable for the issuing specifications. Please contact OTTO - CHEMIE before issuing specifications.

Application information:

1. Substrates and building materials have to be cleaned and well moistened.
 2. Protect components from deformation by using a brace.
 3. Shake the can thoroughly (at least) 20 times. Remove cap of can.
 4. Screw the can into the adapter – Do not tighten it!
 5. For initial operation press the trigger for approximately 10 seconds and let the material flow out completely (filling of channel with PUR-foam and removing of residual humidity).
 6. The applicator gun is ready to use. For application hold aerosol can up-side-down and the applicator gun vertically.
 7. Dispense the foam by adjusting the trigger and by adjusting the screw.
 8. Before mounting a new can to the applicator gun, shake new can thoroughly and remove empty can immediately (within 1 minute maximum).
 9. Replace the empty can by a new can quickly to avoid curing of the PUR-foam in the adapter.
 10. Remove uncured foam from the adapter with OTTOPUR-Cleaner.
 11. Remove foam residues from the nozzle with a piece of wood (or something similar).
- Because of the variety of possible influences while processing and applying customer tests are required.
Please observe the recommended shelf life which is printed on the packaging.

Packaging:

Please see the packagings available from stock in our current General Catalogue for Building Products.

Trading unit/Container	Packaging unit	Pieces per pallet
750 ml Aerosol Can	12	504

Colours:

kF -

Safety precautions:

Please observe the material safety data sheet.

Disposal:

Information about disposal: Please observe the material safety data sheet.
Information about disposal: Please refer to the material safety data sheet.

Warranty information:

All information in this publication is based on our current technical knowledge and experiences. However, since conditions and methods of use and application of our products are beyond our control, we suggest you to test the product before final use. Information given in this technical data sheet and explanations of OTTO - CHEMIE in connection with this technical data sheet (e. g. service description, reference to DIN regulations, etc.) is not to be seen as a warranty. Warranties require a separate written declaration of OTTO – CHEMIE to prove their validity. The characteristics stated in this data sheet define the characteristics of the article broadly and conclusively. Suggestions of use are not to be taken as confirmation of the appropriateness for the recommended intended use. We reserve the right to alter the product adjusting it according to technical progress and new developments. We are at your disposal both for inquiries as well as specific application problems. If a governmental approval or clearance is necessary for the application of our products, the user is responsible for the obtainment of such. Our recommendations do not excuse the user from the obligation to take into consideration the possibility of infringement of third parties' rights and - if necessary – resolving it. For the rest our general terms and conditions apply, in particular regarding a possible liability for defects. If you happen to not have our general terms and conditions at hand, we will gladly send them to you upon request. You can also find them on our homepage: http://www.otto-chemie.de/englisch/unternehmen/agb/AGB-Englisch_04-05.pdf