

OTTOPUR

OP 960

Technical Datasheet



Characteristics:

- 1-component mounting and insulating foam based on polyurethane
- Controlled dosage using dosing guns
- Foam yield approx. 45 l per 750 ml can
- Can be cut after approx. 50 minutes
- Can be loaded after approx. 12 hours
- **B1 – flame-resistance in accordance with DIN 4102 Part 1**

Fields of application:

- Window installation (for clean and controlled backfilling and insulating sealing of joints for windows and shutter casings)
- Filling of joints for door frames but not for mere assembly purposes without additional, mechanical fastening
- Foaming of small wall recesses, all types of cable passages and other cavities

Standards and tests:

- General building supervisory test certificate in accordance with DIN 4102-1 B1
- EMICODE® EC 1 Plus - very low emission
- French VOC-emission class A+

Important information:

A at least partly filled aerosol can should be mounted permanently to the dosing 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.

If the dosage gun has to be taken out of service, it must be cleaned using OTTOPUR Cleaner immediately following unscrewing. Regular use considerably extends the service life and functionality of the dosage guns.

Hardened foam residue can only be mechanically removed.

Fresh product residues can be removed with OTTOPUR Cleaner or OTTO Cleaning wipes. 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.

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Technical properties:

Joint-foamed yield (FEICA TM 1002) [lm]	~ 28
Foam yield (FEICA TM1003) [l]	~ 45
Temperature of can from/to [°C]	+ 5 / + 35 (1)
Ambient temperature [°C]	+ 5 / + 35 (1)
Temperature of substrate [°C]	+ 5 / + 35 (1)
Tack-free time (FEICA TM 1014) [min]	~ 9
Cuttability (FEICA TM 1005) [min]	~ 50
Loadable, depending on the layer thickness [hours]	~ 12
Density in raw state (FEICA TM 1019) [kg/m ³]	~ 23
Compressive stress at 10 % compression (FEICA TM 1011) [kPa]	~ 35
Tensile strength (FEICA TM 1018) [kPa]	~ 115
Tensile expansion (FEICA TM 1018) [%]	~ 12
Shear stability (FEICA TM 1012) [kPa]	~ 45
Dimensional stability (FEICA TM 1004) [%]	+ - 5

Expansion pressure (FEICA TM 1009) [kPa]	~ 1
Post-expansion (FEICA TM 1010) [%]	~ 60
Temperature resistance from/to [°C]	- 40 / + 80 (2)
Shelf life at 23 °C/50 % RH [months]	12 (3)
Colour	reddish

- 1) optimal processing temperature + 20 °C
- 2) temporarily + 100 °C
- 3) from date of manufacture, store unopened cans upright

These data are not suitable for the issue of 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).
- Due to the many possible influences during and after application, the customer always has to carry out trials first.

Please observe the recommended shelf life which is printed on the packaging.

Packaging:

	750 ml aerosol can
	OP960-85
Packaging unit	12
Pieces per pallet	504

Safety precautions:

Please observe the material safety data sheet.

Disposal:

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 experience. However, since conditions and methods of use and application of our products are beyond our control, we suggest that you 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. You can find our general terms and conditions on our homepage: <http://www.otto-chemie.de/en/terms-and-conditions>