

OTTO Product Overview

Perfect insulation, sealing and mounting

The OTTOPUR PU foams



Quality creates cohesion

SEALING & BONDING

OTTOPUR – The PU foams for professionals



OTTOPUR OP910
Dosing foam

- ✓ Very good sound and heat insulation



OTTOPUR OP915
Dosing foam

- ✓ Very good sound and heat insulation



OTTOPUR OP920
2-component foam

- ✓ Very fast curing



OTTOPUR OP930
Adapter foam

- ✓ Very good sound and heat insulation



OTTOPUR OP950
Flexi-foam

- ✓ Very flexible



OTTOPUR OP960
B1 – dosing foam

- ✓ B1 – hardly inflammable

OTTO PUR OP 910

Dosing foam with very good sound and heat insulation

1-component PU dosing foam

For indoor and outdoor application

- ✔ **Very good sound and heat insulation**
- ✔ Universally usable
- ✔ High foam yield



Applications

- ✔ Windows and door frames
- ✔ Well and shaft rings
- ✔ Perimeter insulation
- ✔ Interior partition walls, window sills, window reveals etc.



Bonding of polystyrene hard foam boards as perimeter insulation

OTTO PUR OP 915

Dosing foam with very high foam yield

1-component PU dosing foam

For indoor and outdoor application

- ✔ **Very good sound and heat insulation**
- ✔ Universally usable
- ✔ Very high foam yield



Applications

- ✔ Windows and door frames
- ✔ Well and shaft rings
- ✔ Perimeter insulation
- ✔ Interior partition walls, window sills, window reveals etc.

New!



Well and shaft rings in sewer manholes and domestic sewage treatment plants

OTTO PUR OP 920

2-component foam with very fast curing

2-component PU adapter foam

For indoor and outdoor application

- ✔ **Very fast curing**
- ✔ Universally usable
- ✔ Excellent heat insulation
- ✔ Very good noise protection



Applications

- ✔ Window frames and door frames
- ✔ Well and shaft rings
- ✔ Perimeter insulation
- ✔ Mounting of wooden stairs
- ✔ Mounting of acrylic and steel bathtubs



Mounting of acrylic and steel bathtubs

OTTO PUR OP 930

Adapter foam with very good sound and heat insulation

1-component PU adapter foam

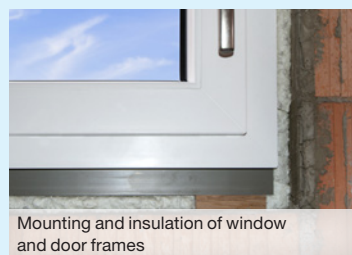
For indoor and outdoor application

- ✔ **Very good sound and heat insulation**
- ✔ Universally usable



Applications

- ✔ Windows and door frames
- ✔ Well and shaft rings
- ✔ Perimeter insulation
- ✔ Interior partition walls, window sills, window reveals etc.



Mounting and insulation of window and door frames



OTTO PUR OP 950

Flexi foam with high movement absorption

1-component PU dosing foam

For indoor and outdoor application

- ✔ **Very flexible**
- ✔ Can be processed down to -10 °C
- ✔ Excellent noise protection
- ✔ Very good heat insulation



Applications

- ✔ Sound and heat insulation
- ✔ Windows and door frames
- ✔ Hollow spaces in the roof extension



Applications with high component movements



OTTO PUR OP 960

B1 – dosing foam for increased fire protection requirements

1-component PU dosing foam

For indoor and outdoor application

- ✔ **B1 – hardly inflammable**
- ✔ High foam yield
- ✔ Smoke-proof



Applications

- ✔ Sound and heat insulation
- ✔ Windows and door frames
- ✔ Fire protection applications



Applications with increased fire protection requirements



Professional accessories

for a perfect application



OTTO Dosing Gun X7



OTTO Cleaning wipes



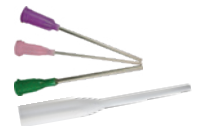
OTTO Dosing Gun ULTRA



OTTOPUR Cleaner



OTTO Dosing Gun IPF
with reducing set



OTTO Reducing set for
dosing gun IPF



OTTO Hand-operated Gun
2K H248



Useful tips for storage and cleaning

A PU foam can which has not been emptied can remain screwed onto the dosing gun. To ensure that the PU foam does not harden and can be reused later, the dosing valve of the gun must be closed completely. PU foam residues on the gun or other surfaces can be removed with the OTTO cleaning wipes..

Which PU foam is the right one when?



Applications

	OP910	OP915	OP920	OP930	OP950	OP960
Door frames (interior areas)	×	×	☑	×	×	×
Window frames, door frames, window sills, window reveals	☑	☑	☑	☑	☑	☑
Pipe breakthroughs	☑	☑	☑	☑	☑	☑
All kinds of cavities	☑	☑	☑	☑	☑	☑
Well and shaft rings in sewer manholes and domestic sewage treatment plants	☑	☑	☑	☑	×	×
Bonding of polystyrene hard foam boards as perimeter insulation	☑	☑	☑	☑	×	×
Mounting of wooden stair treads	×	×	☑	×	×	×
Mounting of acrylic and steel bathtubs (Shower trays etc.)	×	×	☑	×	×	×
Applications with increased fire protection requirements	×	×	×	×	×	☑
Applications with high component movements	×	×	×	×	☑	×
Insulation at cold temperatures below 5 °C	×	×	×	×	☑	×



Well foam - what is to be considered?

Various OTTOPUR PU foams can also be used to join well shaft rings (see table). In this case it is important to ensure that the cured PU foam is not cut, otherwise it loses its waterproofness and thus its functionality.



PU foam in winter

OTTOPUR OP 950 is very suitable for insulation work in the cold winter months because it needs little moisture for hardening and exerts hardly any after-pressure. During the winter months, it is important to ensure that only the PU foam itself is moistened instead of the cavities, otherwise the water on the cold substrates will freeze and the foam will not harden.

PU foams and their properties



Characteristics

	OP910	OP915	OP920	OP930	OP950	OP960
Tack-free time [min]	8	9	5–7	10	8	9
Cuttability [min]	30	35	9	30	35	50
Can be fully loaded after	5h	24h	3h	5h	12h	12h
Joint-foamed yield according to FEICA TM 1002	30m	24m	10m	15m (500ml) 22m (750ml)	29m	28m
Volume yield (box test) according to FEICA TM 1003	45L	36L	12L	22L (500ml) 32L (750ml)	44L	45L
Sound insulation (EN ISO 717-1)	60dB	60dB	60dB	58dB	63dB	60dB
Insulation value (DIN 52612) [W/m*K]	0,035	0,038	0,026	0,035	0,035	0,036
Processing temperature from/to	+5/+35 °C	+5/+35 °C	+5/+35 °C	+5/+35 °C	-10/+35 °C	+5/+35 °C
Shelf life [months]	12	12	18	12	12	12
Foam colour	yellowish	yellowish	green	yellowish	blue	reddish
Packaging	750 ml Dosing foam	500 ml Dosing foam	400 ml Adapter foam	500 & 750 ml Adapter foam	750 ml Dosing foam	750 ml Dosing foam



Special feature 2-component PU foams

2-component PU foams do not require any additional moisture for curing, as this is already contained in one component. The PU foam starts to react as soon as the two components are mixed, so the activated can should be emptied quickly (OTTOPUR OP 920).

For information relating to certification marks, please see www.otto-chemie.com under the heading „Information on Certification Marks“. The requirements and test criteria of the DGNB and LEED can be found on www.dgnb.de and www.german-gba.org. Please note that these companies do not evaluate our individual products, but the sustainability as a whole of each complete building project.

The information in the present document corresponds to the status quo on going to print, refer to the index. With a new edition this edition becomes invalid. Due to the many possible influences during and after application, the customer always has to carry out trials first. Please observe the respective technical data sheet! This information is available on the Internet at www.otto-chemie.com. Errors and typographical errors are excepted.

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