



PATTEX Recycled gunfoams

PATTEX GreenQ

CHARACTERISTICS

One component economy grade PU foam with recycled ingredients, gun application.

One-component, moisture cure semi-rigid polyurethane foam with good open-closed cells balance. Product is easily usable and applicable with special foam gun. Use the gun tested and approved by producer of the product for best working experience. The foam is self-expanding and during the curing process will increase the initial volume by half. Post expansion and curing pressure are balanced to contribute further to convenience and accurate dosage during application.

It has excellent adhesion on most building materials like wood, concrete, stone, metal, etc. Certain metal surfaces might need pre-treatment (priming) to enhance adhesion.

Yield of the cured foam and overflows' cutting time largely depends on of working conditions – temperature, air humidity, available space for expanding, etc. Full mechanical strength is achieved in 24 hours.

Product is manufactured, using partly recycled ingredients, which give to the foam that characteristic greyish shade. Up to 16% of recycled ingredients help to reduce the product carbon footprint. Excellent thermal insulation parameters and long-term stability of the applied cured PU foam help to maintain high energy saving levels of buildings, further contributing to the reduction of carbon footprint. Product does not contain CFC-propellants.

Can is equipped with new generation valve, contributing to longer shelf-life and long-term quality of the product.

APPLICATION FIELD

- Filling of cavities
- Sealing the gaps around windows and doors
- Filling of openings in roof constructions and insulation materials
- Creating soundproof screens
- Filling of gaps around wiring or plumbing penetrations

ATTENTION!

Cured PU foam must be protected from UV radiation by painting or applying a top layer of sealant, plaster, mortar, or other type of covering. Adhesion of the product is weak on polyethylene, Teflon® and on some other plastic surfaces.

Technical Data Sheet v.1, March 2026



INSTRUCTIONS FOR USE

Substrate preparation

Substrates must be stable, clean, and free of substances likely to impair adhesion. Cover off the areas not intended to be foamed on. To ensure full and even curing of the foam, moisturize mineral or porous substrates (brickwork, concrete, limestone) with water spray. Moisturization of the surface is not recommended for non-porous substrates, like plastic. The surfaces can be moist but not covered with frost or ice.



Application temperature

- Working temperature: 5 - 35°C.
- Can temperature: 5 - 30°C.
- Can has preferably to be stored for at least 12 hours in room temperature before commencing with application.

Application method

1. Shake the can vigorously before use 15 - 20 minutes.
2. Screw the applicator gun tightly onto the can. When working with the gun keep the can mainly in upside down position. The outflow rate of the foam can be adjusted by pressing and releasing gun trigger.
3. Dispense the foam sparingly, fill the seal for about ½ - ¾ of its size because the foam will expand. Repeat shaking regularly during application.
4. Preferably keep the can in upside down position and repeat shaking regularly during application to ensure the maximal output of the foam.
5. Slight misting with water may quicken curing process. It is recommended only at lower temperatures, dry conditions or in cases the water vapour reach of the foam is restricted (e.g. closed cavities).
6. It is not recommendable to remove the can before it is totally empty. When replacing the can shake the new can vigorously. Unscrew the empty can and replace it immediately to ensure that there is no air left in the gun.
7. If you do not want to replace the can, remove the foam from the gun using PU foam cleaner.
8. Remove fresh spots of foam with PU foam cleaner or acetone. Hardened foam can only be removed mechanically.

LIMITATIONS

Limitations to joint maximal width exist in regard of ambient temperature and humidity levels.

- In dry conditions (e.g. in rooms with central heating etc.), in order to get best foam structure and foam properties it is recommendable to fill gaps and joints in several layers by the application of smaller foam strings (up to 3 - 4 cm thickness) and slightly misting with water between every layer.

TECHNICAL DATA

Foam density, kg/m ³ EN 17333-1, method 1	16 - 20
Tack free time, min EN 17333-3, method 2	5 - 8
Cutting time, min EN 17333-3, method 1	25 - 30
Curing pressure, kPa EN 17333-2, method 2	< 5
Post expansion, % HENK-PU-14.2	30 - 70
Dimensional stability, % EN 17333-2, method 1	max ± 10 (in CEE 5 acc. TB)
Maximal joint width, cm EN 17333-3, method 3	5 (testing conditions: 5°C)
Shear strength, kPa Elongation at break EN 17333-4, method 3	40 - 50 n.a.
Compression strength 10%, kPa EN 17333-4, method 1	25 - 30
Fire class EN 13501-1 DIN 4102-1	F B3
Water absorption 24h EN 1609:2013	Not measured. Approximate value max. 1%
Water absorption 28 day EN 12087:2013	Not measured. Approximate value 10%.
Sound insulation, dB EN ISO 10140-1	Not measured. Approximate value 60 dB might be used for calculation purposes.
Thermal conductivity, W/m ^K EN 17333-5	Not measured. Approximate value 0.037 ... 0.040 W/m ^K might be used for calculation purposes.
Yield per can, L EN 17333-1, method 2	750/1000ml: max 48 (in CEE 50L)
<ul style="list-style-type: none"> • Temperature resistance of cured foam: -40°C ... 90°C, short term peaks up to 120°C.. 	
All measurements on norm. climate (23 ± 2°C RH 50 ± 5%) unless indicated otherwise.	

Packaging

Can 750/1000 ml

Storage

Best before 15 months.

For longest shelf life avoid storage above +25 °C and below +5 °C (up to - 20 °C for a short period). Always store can with the valve directed upwards. Do not store can on its side. Transportation of odd cans by passenger car: leave the container wrapped in a cloth in the trunk, never in the passengers' compartment.

Check separate Storage and Handling Instructions.

For safety precautions and disposal instructions, see the corresponding product Material Safety Data Sheet.



HEALTH AND SAFETY

It is recommended to consult the current safety data sheet for precautions and safety advice before starting processing.

Wear safety goggles and the enclosed protective gloves during processing.

The safety data sheet is available at www.mysds.henkel.com.

Information for allergy sufferers on Tel. 0049 (0)211 797 0 (keyword emergency)



DISPOSAL

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.