



RAMSAUER®
DICHTSTOFFE

801 UNIVERSAL PU- MONTAGESCHAUM E

(Universal PU-Installation Foam)

TESTS, COMPLIANCE WITH STANDARDS, ADVANTAGES

- **Joint sound insulation characteristics of filling materials**
- **TÜV-tested safety valve with non-clogging guarantee**
- **Building material class E according to EN 13501-1**
- **Suitable for a vast range of applications**
- **Insulating, filling, and soundproofing**
- **Long storage life**
- **Optimum dosing and re-using without contamination**
- **Enhanced safety, low accident risk**
- **Emicode EC1-PLUS R "very low emission"**

TECHNICAL DATA

Yield, free expansion, 750 ml can: up to 40 litres

Cell density: fine

Bulk density: 13 – 15 kg/m³

Tack free (dry application): approx. 10 min.

Cuttable (30mm section, dry application): after approx. 4 hours

Full load bearing capacity (30mm section): after approx. 24 hours

Optimum processing temperature (can, substrate, environment) +20 °C

Maximum processing temperature (can, substrate, environment) +30°C

Minimum processing temperature (can, substrate, environment) +5°C

Temperature resistance of the cured foam: -40°C to +80°C (short-term up to +100°C)

Building material class according to EN 13501-1: E

Storage life (in a cool and dry place): 15 months

The ideal storage temperature is between +10°C and +20°C. The cans must be stored in an upright position and protected from frost and heat.



CHARACTERISTICS

801 UNIVERSAL PU-MONTAGESCHAUM is a moisture cure one-component PUR foam. The product is ideally suited for insulating and filling joints and voids. It adheres to almost any substrate and thus permits a vast range of applications. Adding humidity e.g. by moistening the substrate speeds up curing and improves the cell structure of the cured foam. Development and production of our products are subject to the strict quality assurance standards ISO 9001 / EN 29001. 801 UNIVERSAL PU-MONTAGESCHAUM adheres to all customary building

materials with the exception of polyethylene and silicone but does not adhere to oil, grease, parting agents or any similar substances. The foam can be applied at substrate and ambient temperatures of +5°C to +30°C. The cured foam is semi-rigid, predominantly closed cell, non-rotting, moisture-resistant, and temperature resistant from -40°C to +80°C. It is ageing resistant but not UV-resistant. Heat and sound insulation values are excellent.

APPLICATION

In the construction of windows for neat and controlled backfilling and insulating sealing of connection joints of windows and roller shutter boxes. 801 UNIVERSAL PU-MONTAGESCHAUM is highly suitable for filling connection joints and joints of external door cases. However, it is not

suitable as an exclusive installation aid without additional mechanical fastening. The product is also suitable for filling small wall openings, any type of line or cable lead-through, as well as other voids.

PROCESSING

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Take into account the instructions on the can. Do not overfill voids since the fresh foam will expand by up to 200 % of its initial volume. The quantity of foam issuing can be regulated accurately by varying pressure or tilting the adapter. Actuate the valve lever carefully in order to control the foam quantity. Moisten the foam evenly once again after application. In case of larger joints and voids it is recommended to moisten each layer of foam once it has been applied. A lack of moisture and overfilling of voids may cause undesired subsequent expansion

of the foam. Remove any fresh stains of foam immediately with universal cleaner "817 Universal Reiniger". This can be done only in the tack-free time. Cured foam can be removed only by means of foam solvent "831 Schaumlöser" or mechanically. After work slide the adapter tube into the receptacle and turn over the sealing lip. Ensure a tight fit. This permits interrupting work even for several weeks. For re-using the product pull adapter tube out of the receptacle.

PREPARATION

The substrates must be solid, clean, and free from dust and grease. Remove any loose parts and moisten well with water immediately before applying the product. Enhance adhesion by applying a suitable deep primer if required. Prepare all components properly for fastening. Keep universal cleaner Ramsauer "817 Universal-Reiniger" ready for cleaning and removing any uncured foam. The ideal processing temperature

is approx. + 20 °C. Carefully warm up cold cans in a lukewarm water bath. Never heat above + 50 °C since this may cause the can to burst. Cool hot cans in a cold water bath e.g. when taken out of a vehicle in the summer but do not shake. Screw adapter with extension tube firmly onto the valve up to the stop. Be careful to avoid actuating the valve in the process. Shake the can well before use (approx. 15 – 20 times).

IMPORTANT NOTE

Ramsauer 801 UNIVERSAL PU-MONTAGESCHAUM cures quickly and evenly only if there is sufficient moisture. Therefore, moisten substrates well in any case.

SAFETY ADVICE

Consult the current EC Safety Data Sheet which is available at any time on our website at www.ramsauer.at.

LIABILITY FOR DEFECTS

The information provided including but not limited to the proposals for processing and using our products is based on our knowledge and experience, usually at the time of going into print. The results of work may deviate from this information depending on the specific circumstances, in particular with respect to substrates, processing and environmental conditions. Therefore, neither this information nor any oral counselling shall constitute warranty or give rise to any liability

on whatever legal ground for any specific result of work, unless we acted intentionally or by gross negligence. Ramsauer warrants that its products will have the technical characteristics according to the Technical Data Sheets up to their expiry date. Product users must consult the latest data sheet which is available upon request. Our current General Terms and Conditions apply which are available for download on our website www.ramsauer.at.



QUALITY YOU CAN RELY ON

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