



**RAMSAUER®**  
**DICHTSTOFFE**

# 819 VOLUMEN PISTOLENSCHAUM

**(Volume foam for foam gun)**

## TESTS, COMPLIANCE WITH STANDARDS, ADVANTAGES

- **Long storage life in any position**
- **Low accident risk**
- **High yield**
- **Permits working fast**
- **Yield of up to 60 litres (750ml)**
- **Suitable for application at substrate and ambient temperatures down to -5°C**
- **High rate of issue even at low temperatures**
- **Also available in 560ml-cans**
- **Building material class E according to EN 13501-1**

## TECHNICAL DATA

Yield, free expansion, 750ml can: up to 60 litres

Yield, free expansion, 560ml can: up to 42 litres

Cell density: medium-fine

Bulk density: 10 – 13 kg/m<sup>3</sup>

Tack free (dry application): approx. 7 min.

Cuttable (30mm section, dry application): after approx. 38 minutes

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

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

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

Minimum processing temperature (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): 24 months

The ideal storage temperature is between +10°C and +20°C. Keep cans in an upright position. Protect from frost and heat.



## CHARACTERISTICS

819 VOLUMEN PISTOLENSCHAUM is a PUR-foam with a special formulation to achieve maximum yield. The resulting high rate of issue of the foam permits fast and efficient work. Adding humidity by moistening the substrate increases the yield and reduces the curing time. Furthermore, additional humidity provides a finer and homogenous cell structure. This product has been manufactured applying the control measures of a quality management system according to ISO 9001 warranted by Bureau Veritas Certification. 819

VOLUMEN PISTOLENSCHAUM 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. 819 VOLUMEN PISTOLENSCHAUM 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 and on the foam gun. Do not overfill voids since the fresh foam will expand by up to 100 % of its initial volume. Control foam quantity by controlled pressure on the trigger of the gun. 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. Remove any residual foam from the gun immediately after work by means

of "817 Universal Reiniger", and also from any adapter tube used. If the can is not empty leave the foam gun connected to the can until using it the next time. Once a can has been opened use the product within 4 weeks. As soon as a can is completely empty remove foam gun carefully and clean its outside with "817 Universal Reiniger". Subsequently screw a can of universal cleaner 817 onto the gun and actuate the dosing trigger several times for internal cleaning of the gun. During internal cleaning point the gun towards a suitable collecting vessel. ATTENTION: the cleaner escapes at high pressure. Cured foam can be removed only by means of foam solvent "831 Schaumlöser" or mechanically.

### 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 "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 hot cans. Shake the can well approx. 20 times before connecting it to the foam gun. Take into account the instructions for use of the foam gun. Put the can down, and screw the foam gun with the threaded adapter onto the threaded ring of the can. Do not tilt or overturn can in this process. In order to achieve an even finer and more even cell structure, connect an adapter tube to the foam gun. However, this tube should not be longer than 5cm.

### IMPORTANT NOTE

Ramsauer 819 VOLUMEN PISTOLENSCHAUM cures quickly and evenly only if there is sufficient moisture. Therefore, moisten substrates well in any case.

### SAFETY ADVICE

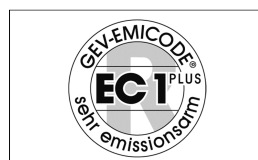
Consult the current EC Safety Data Sheet which is available at any time on our website at [www.ramsauer.at](http://www.ramsauer.at).

### LIABILITY FOR DEFECTS

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## QUALITY YOU CAN RELY ON

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