



**RAMSAUER®**  
**DICHTSTOFFE**

# 811 UNIVERSAL PU-PISTOLENSCHAUM F

## (Universal PU-foam for foam gun)

### TESTS, COMPLIANCE WITH STANDARDS, ADVANTAGES

- **Joint sound insulation characteristics of filling materials**
- **TÜV-tested safety valve with non-clogging guarantee**
- **Building material class F according to EN 13501-1**
- **Suitable for a vast range of applications**
- **Insulating, filling, and soundproofing**
- **Long storage life in any position**
- **Ecode EC1-PLUS R "very low emission"**

### TECHNICAL DATA

Yield, free expansion, 750 ml can: up to 55 litres

Cell density: medium-fine

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

Tack free (dry application): approx. 11 min.

Cuttable (30mm section, dry application): after approx. 60 minutes

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: F

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

The ideal storage temperature is between +10°C and +20°C. Protect from frost and heat.



### CHARACTERISTICS

811 UNIVERSAL PU-PISTOLENSCHAUM F 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. 811 UNIVERSAL PU-PISTOLENSCHAUM F 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. 811 UNIVERSAL PU-PISTOLENSCHAUM F 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.



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## PROCESSING

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. When 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. 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 811 UNIVERSAL PU-PISTOLENSCHAUM F cures quickly and evenly only if there is sufficient moisture. Therefore, moisten substrates well in any case.

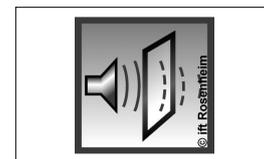
## SAFETY ADVICE

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

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

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## QUALITY YOU CAN RELY ON

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