



**RAMSAUER®**  
**DICHTSTOFFE**

# 804 BRUNNEN- KOMBISCHAUM

**(Foam for wells with combination valve)**

## TESTS, COMPLIANCE WITH STANDARDS, ADVANTAGES

- **Quick and convenient application**
- **High adhesive force after a short curing time**
- **Permits neat working**
- **Adheres well to a wide variety of surfaces**
- **Can be used with foam gun or adapter**
- **TÜV-tested safety valve with non-clogging guarantee**
- **Optimum application without dripping**
- **Enhanced safety, low accident risk**
- **Optimum dosing and re-using without contamination**
- **Emicode EC1-PLUS R "very low emission"**

## TECHNICAL DATA

Yield, free expansion, 750 ml can: up to 50 litres (foam gun); 42 litres (adapter)

Apparent density (free expansion): 10 – 13kg/m<sup>3</sup>

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

Cutable (30mm section, dry application): approx. 55 min.

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

Colour of adhesive: green

Processing temperature (environment and substrate): +5°C to +30°C

Temperature of contents of the can: minimum +5°C (ideal: +20°C to +25°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 of cans is between +10°C and +20°C. The cans must be kept in an upright position and protected from frost and heat.



## CHARACTERISTICS

804 BRUNNEN-KOMBISCHAUM 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 temperatures from +5°C to +25°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.

The foam is resistant to fresh water and seawater. Even diluted acids and alkalis as usually present in waste water do not affect the strength of the foam. When using the product in drinking water systems, the well foam must be completely covered on the water side by suitable, reliable and durable materials. Using PU-foams of building material class B3 in building construction is not permitted in Germany.

## APPLICATION

This product is used as a foaming adhesive in the

construction of shafts and wells and in civil engineering works



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in general, for connecting and filling joints between concrete elements and for preventing the transmission of structure-

borne noise.

## PROCESSING

### Application with adapter:

When using an adapter unscrew the gun ring from the can by turning counterclockwise. Screw adapter with extension tube onto the valve firmly up to the stop. Shake the can well before use (approx. 15 -20 times).

### Application with foam gun:

Shake can well approx. 20 times before screwing it onto the foam gun. Take into account the instructions for use of the foam gun. Tear the safety adapter holding strap off the gun ring. 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 the can in this process. In order to achieve an even finer and more even cell structure an adapter tube can be attached to the foam gun. The length of the tube should not exceed 5 cm.

Take into account the advice on the can. Fill voids moderately since the fresh foam will expand by up to approx. 100%. Moisten foam evenly once again after application. In case of larger joints or voids it is recommended to moisten each layer of foam separately. Insufficient moisture and overfilling of voids may result in undesired subsequent expansion of the foam. Remove any fresh stains of foam immediately with universal cleaner "817 Universal Reiniger". Cured foam can be removed only by means of foam solvent "831

Schaumlöser" or mechanically.

### Application with adapter:

The foam quantity can be controlled accurately by varying the pressure on the adapter. Actuate the adapter carefully in order to control the foam quantity. After work slide the adapter tube into the receptacle and put it over the reverted edge seal. Ensure a tight fit. This permits interruptions of work for several weeks. To re-use the product draw the adapter tube out of the receptacle.

### Application with foam gun:

Control foam quantity by controlled pressure on the trigger of the foam gun. Remove any residual foam from the gun immediately after work by means of universal cleaner "817 Universal Reiniger", and also from the adapter tube when working with an adapter tube. 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.

## PREPARATION

The substrates must be solid, clean, and free from dust and grease. Remove any loose parts and moisten substrates well with water immediately before applying the product. Apply deep primer to increase the solidity of the substrate 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.

## IMPORTANT NOTE

Ramsauer 804 BRUNNEN-KOMBISCHAUM 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 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](http://www.ramsauer.at).



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## **QUALITY YOU CAN RELY ON**

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