



RAMSAUER®
DICHTSTOFFE

806 BRANDSCHUTZ

KOMBI SCHAUM (Fire Protection Foam with Combination Valve)

TESTS, COMPLIANCE WITH STANDARDS, BENEFITS

- **Preventive fire protection by means of a single product**
- **Building material class B1 according to DIN 4102-1**
- **Meets the requirements of building material class B-s1,d0 according to EN 13501-2:2005, Tested to EN13823 and EN11925-2,**
- **Fire resistance tested up to 240 min. according to EN1366-4:2006 (U); classification according to EN13501-2:2005**
- **Up to 46 litres yield at free expansion**
- **Can be used with a foam gun or adapter**
- **TÜV-tested safety valve with anti-clogging guarantee**
- **Long storage life in any position**
- **Optimum application without dripping**
- **Optimum dosing and re-use without pollution**
- **Increased safety - reduced risk of accidents**

MECHANICAL VALUES

Cell structure: fine

Yield with foam gun (free expansion): up to 46 litres (±1)

Yield with adapter (free expansion): up to 35 litres (±1)

Apparent density (free expansion): approx. 12 - 14 kg/m³

Tack-free (dry application): after approx. 8 min.

Cuttable (30mm section, dry application): after approx. 45 Min.

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

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

Max. processing temperature (can, substrate, environment): +30°C

Min. processing temperature of the can: +5°C

Temperature resistance of the cured foam section:

Permanent: -40°C to +80°C

Short-term: -40°C to +100°C

Building material class according to DIN 4102, Part 1 / EN 13501-1 / EN 13501-2: B1 / B-s1,d0 / EI 240

Storage life: 18 months

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

CHARACTERISTICS

806 BRANDSCHUTZ KOMBI is a hardly flammable PUR foam which meets the requirements of DIN 4102 (B1) and European standard EN 13501 (Building material class B). In order to achieve these standard requirements the product is used alone. In order to achieve more stringent requirements,

such as the fire resistance classes according to EN 13501-2 (EI) it is used in combination with other fire retardant materials. Development and manufacture of this product is subject to the strict quality assurance standards of ISO 9001/EN 29001.





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806 BRANDSCHUTZ KOMBI adheres to all customary building materials with the exception of polyethylene and silicone; it does not adhere to oil, grease, parting agents or any similar substances. 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

For preventive fire protection when insulating and sealing connection joints of windows and doors, as well as for filling

wall openings and other voids.

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 806 BRANDSCHUTZ KOMBI 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.



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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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