



846 2K-BRANDSCHUTZ RAMSAUER® ADAPTER SCHAUM

DICHTSTOFFE

(2-component fire protection adapter foam)

TESTS, COMPLIANCE WITH STANDARDS and ADVANTAGES

- Cures extremely quickly
- Fixing time: 60 to 90 minutes
- Fine cell structure
- Convenient activation by twist-to-activate wing
- High adhesive force
- Building material class B1 according to DIN 4102-1 between solid mineral or metallic building materials

Ramsauer 846 2K-BRANDSCHUTZ ADAPTER SCHAUM is a quickly curing two-component installation foam on a PUR basis which cures within a very short time even without humidity. When installing internal doors no additional fastening is required. External doors and window frames must be secured by means of additional mechanical fastening in accordance with the applicable building regulations. A 400 ml can will supply foam for the installation of 2-3 door frames

depending on the width of the gap.



TECHNICAL DATA (determined at +20°C, 50% relative humidity)

- Yield, free expansion: up to 12 ±2 litres
- Colour: light blue
- Bulk density, free expansion: approx. 32 ±2 kg/m³
- Cell structure: very fine
- Tack free, depending on the maturing reaction in the can: approx. 8 ±2 minutes
- Cuttable (20mm section): after approx. 14 ±2 minutes
- Fixing time: approx. 90 minutes (+23°C/50% relative humidity)
- Full load bearing capacity after approx. 180 minutes (+23°C/50% relative humidity)
- Measured joint noise insulation performance R_{ST,W}: 61 dB (-1; -3)
- Minimum processing temperature (can, substrate): +10 °C
- Maximum processing temperature (can, substrate): +25 °C
- Optimum processing temperature (can, substrate): +20°C
- Building material class B1 according to DIN 4102-1 between solid mineral or metallic building materials. In all other applications building material class B2 is achieved.
- Temperature resistance of the cured foam: permanently: -40°C to +80°C, short term: -40°C to +100°C
- Storage life (in an upright position in a cool and dry place): 12 months. Storage life may be considerably shorter at higher temperatures.

CHARACTERISTICS

846 2K-BRANDSCHUTZ ADAPTER SCHAUM adheres to all customary building materials with the exception of polyethylene, polypropylene, Teflon®, and silicone; it does not adhere to oil, grease, parting agents, etc. 846 2K-BRANDSCHUTZ ADAPTER SCHAUM is made for the usual moisture in building construction, and absorbs it during curing without affecting adhesion. Therefore, do not moisten the substrates or the applied foam. The cured foam is semi-rigid, elastic, predominantly closed cell, non-rotting, resistant to

water, heat, and low temperatures, and ageing resistant but not UV-resistant. Heat and sound insulation values are excellent. The components must be fixed during the specified fixing time until the foam has cured. A 400ml-can is sufficient to mount 2 to 3 door cases depending on the width of the gap. 846 2K-BRANDSCHUTZ ADAPTER SCHAUM meets the requirements of building material class B1 according to DIN 4102-1 when applied between solid mineral or metallic building materials.

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Supersedes version:



RAMSAUER®
DICHTSTOFFE

APPLICATION

Fastening of wooden door cases, for insulating sealing of connection joints of windows and roller shutter boxes, wherever fire protection is required. The product is not

suitable for installation without additional mechanical fastening.

PROCESSING

After activating and shaking let the compound mature for 30 seconds before starting to work. The quantity of foam issuing can be regulated accurately by tilting the adapter while the valve points downward. Actuate the adapter carefully in order to control the foam quantity. The issuing foam must be

uniformly light blue; if not repeat activating and shake again. Remove any fresh stains of foam immediately with universal cleaner Ramsauer "817 Universalreiniger". Remove cured foam by means of foam solvent "831 Schaumlöser" or mechanically.

PREPARATION

The substrates must be solid, clean, dry, and free from dust, grease and parting agents. Enhance adhesion by applying a suitable deep primer if required. If the substrate is too wet this may cause the curing foam to shrink. Prepare case and frame elements and other components properly for fastening. The maximum joint width for installing door frames is 30 mm. Do not use cans at a temperature above + 25°C. Cool in a cold water bath before use if required.

- Turn the twist-to-activate wing at the can bottom 4 full revolutions in the direction of the arrow up to the stop.
- Shake can well approx. 20 – 30 times. Slight clattering shows that the inner container with the hardening component has actually been opened.
- Remove valve protection cap and screw adapter onto the valve firmly up to the stop. Attention, do not actuate the valve in the process.

IMPORTANT NOTES

The foam must be used within **4 minutes** from mixing. **If the mixed foam is not taken out the can may heat up to over + 50°C which may cause the can to burst.** 846 2K-BRANDSCHUTZ ADAPTER SCHAUM will cure evenly and quickly only if the 2-component system has been activated correctly. The building components must have sufficient

stability of their own and must be installed properly according to the rules of the trade. Gluing vibrating parts with Ramsauer 846 2K-BRANDSCHUTZ ADAPTER SCHAUM is discouraged. Avoid using the product with gas-tight materials such as sheet metal. Conduct your own experiments if required.

SAFETY ADVICE

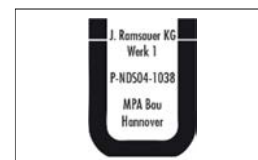
Consult the current EC Safety Data Sheet which is available at any time on our website at www.ramsauer.at.

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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