

# 840 2K-FIX



**RAMSAUER®**  
**DICHTSTOFFE**

## TESTS and COMPLIANCE WITH STANDARDS

- **Extremely quick curing**
- **Fixing time up to curing only 30 minutes**
- **Fine cell structure**
- **Convenient activating by wing-nut activator**
- **High bond strength**
- **TÜV-tested safety valve with anti-clogging guarantee**
- **Building material class E according to EN 13501-1**
- **Long storage life**
- **Optimum dosing without contamination**
- **Increased safety, low risk of accidents**

Ramsauer 840 2K-FIX is a quickly curing two-component installation foam on a PUR-basis. It cures very quickly even without humidity. Nevertheless it must be fixed for 30 minutes until the foam has cured. When mounting inside doors no additional fastening is required. Outside doors and window frames must be additionally secured by mechanical fastening according to the applicable building regulations. One 400 ml can is sufficient for installing 2 to 3 inside door frames depending on the width of the gap. Development and manufacture of this product are subject to the strict quality assurance standards of ISO 9001/EN 29001

## TECHNICAL DATA

- Yield, free expansion: up to 10 litres
- Bulk density, free expansion: approx. 25 - 35 kg/m<sup>3</sup>
- Cell structure: very fine
- Tack free, depending on the maturing reaction in the can: approx. 5 - 7 min.
- Cuttable (20 mm section): after approx. 8 - 10 min.
- Fixing time (20 mm section): 30 minutes
- Full load bearing capacity (20mm section): after approx. 3 hours
- Minimum processing temperature (can, substrate, environment) +10 °C
- Maximum processing temperature (can, substrate, environment) +25°C
- Optimum processing temperature (can, substrate, environment) +20°C
- Temperature resistance of the cured foam: -40°C to +80°C (short-term -40 to +100°C)
- Storage life (in a cool and dry place): 21 months. Storage life may be considerably shorter at high temperatures.

## CHARACTERISTICS

840 2K-FIX adheres to all customary building materials with the exception of polyethylene, Teflon®, and silicone; it does not adhere to oil, grease, parting agents, etc. 840 2K-FIX 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. 840 2K-FIX is a product of building material class E according to DIN 13501-1.

## APPLICATION

Fastening of wooden door cases, for insulating sealing of connection joints of windows and roller shutter boxes. Thanks to its high dimensional stability it can also be used as for filling

voids during installation of shower trays or bath tubs. 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 green, 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.** 840 2K-FIX 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 840 2K-FIX 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](http://www.ramsauer.at).

## LIABILITY FOR DEFECTS

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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).



## QUALITY YOU CAN RELY ON

**Ramsauer GmbH & Co KG, 4822 Bad Goisern/Hallstätter See, Sarstein 17, Austria**

Phone: +43 (0)6135 8205-0, Fax: +43 (0)6135 8323 - Email: [office@ramsauer.at](mailto:office@ramsauer.at) - Internet: [www.ramsauer.at](http://www.ramsauer.at)