

812 KLEBE SCHAUM

(Adhesive for insulation boards)



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TESTS, COMPLIANCE WITH STANDARDS, ADVANTAGES

- **Quick and convenient application**
- **TÜV-tested safety valve with non-clogging guarantee**
- **High initial tack**
- **Low storage volume**
- **Permits neat working**
- **Building material class F according to EN 13501-1**
- **Long storage life in any position**

TECHNICAL DATA

Adhesive basis: polyurethane

Reaction system: moisture cure

Open time: approx. 8min. (at +20°C/50% relative humidity)

Curing time: approx. 1.5 hours / final strength after 24 hours (at +20°C/50% relative humidity)

Yield (3cm section): up to 55 lineal metres

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

Can temperature: min. +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): 9 months

The ideal storage temperature is between +10°C and +20°C. For long-term storage, the cans must be stored in an upright position and protected from frost and heat.



CHARACTERISTICS

812 KLEBE SCHAUM adheres well to all customary building materials with the exception of polyethylene and silicone. It does not adhere to oil, grease, parting agents, etc. 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.

APPLICATION

812 KLEBE SCHAUM is a special PUR-adhesive foam for time-saving mounting of EPS-boards in thermal insulation composite systems. High yield and initial tack permit fast and simple installation of the EPS-boards. The product is ready for

use and does not require any additional setup work. 812 KLEBE SCHAUM is used instead of cement adhesives. The product is also suitable for filling and repairing defective spots in thermal insulation composite systems.

PROCESSING

Take into account the instructions on the can and on the foam gun. Control adhesive quantity by controlled pressure on the trigger of the gun. Unevenness of the substrate of up to 1 cm may be levelled out by means of 812 KLEBE SCHAUM. The adhesive foam is applied continuously around the insulation board close to the edge plus inside in the shape of an "M" or "W". When the foam has expanded a minimum of 40% of the area must be covered with adhesive. The insulation board covered with 812 KLEBE SCHAUM must be pressed onto the wall quickly while applying slight and even pressure, and aligned. The open time of the adhesive is 7 - 9 minutes

depending on temperature and humidity. Longer waiting times will adversely affect adhesion. The insulation boards are pushed tight from below to above, and are installed in a composite system, staggered with respect to the edges of the building. Do not knock the insulation boards onto the wall. Any subsequent pressure caused by the adhesive foam 812 KLEBE SCHAUM (subsequent expansion) is minimised thanks to the groove and tongue principle of installation. During the open time, the boards can be re-adjusted by means of a levelling board. After 2 hours the product adheres to the substrate sufficiently to permit further stages of work. Before installing the



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reinforcement fabric or other substrate for the plaster the surface must be ground plain and level. Remove any fresh stains of adhesive immediately with universal cleaner "817 UNIVERSAL REINIGER". Cured adhesive can be removed only by means of foam solvent "831 SCHAUM LÖSER" or mechanically. Remove any residual adhesive from the gun immediately after work by means of "817 UNIVERSAL REINIGER". 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 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 hot cans. Shake the can well approx. 20 times before connecting it to the foam gun. 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.

IMPORTANT NOTE

Ramsauer 812 KLEBE SCHAUM 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

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