

PRONOVA®

QUICK FOAM 2K PU



PROPERTIES:

PRONOVA Quick Foam is a dimensionally stable, quick drying, two-component polyurethane foam for reliable and timesaving installation, particularly for door frames. Very low post-expansion. Excellent adhesion on many construction materials, such as concrete, stone, rigid PVC, metal and wood. Uniform, fine-cell foam structure. Good thermal and sound insulation. For indoor and outdoor applications.

AREAS OF APPLICATION:

Ideal for installing doors made of wood, plastic or metal, and for acrylic and steel bathtubs, wooden stair treads and much more. Suitable for filling larger cavities and breakthroughs in walls.

PRODUCT ADVANTAGES:

- ▶ Extreme adhesive strength
- ▶ Short time before anti-expansion wedge removal
- ▶ Insulating and isolating
- ▶ Heat resistant
- ▶ Very fine cell structure
- ▶ Maximum dimensional stability
- ▶ Extremely fast hardening
- ▶ Ageing-resistant

TECHNICAL INFORMATION:

Raw material base:	Polyurethane
Cell structure:	Very fine
Bulk density:	Approx. 46 to 47 kg/m ³
Temperature resistance:	-40 °C to +80 °C (up to 100 °C for short periods)
Application temperature:	10 °C to 30 °C
Tack free:	Approx. 5 minutes ⁽¹⁾
Can be cut:	Approx. 10 minutes (30 mm bead size) ⁽¹⁾
Time before removal of anti-expansion wedges:	Approx. 30 minutes ⁽¹⁾
Full loading possible:	Approx. 3 hours (30 mm bead size) ⁽¹⁾
Foam yield:	Approx. 10 litres, free foamed
Curing time:	Full strength after approx. 24 hours ⁽¹⁾
Standards and tests:	DIN EN 15501-1: E: normal flammability DIN 4102-1: B2

⁽¹⁾ Depends on the temperature and air humidity. Data determined at +23 °C, 50 % relative air humidity; according to FEICA test methods & EN DIN 17333.

PREPARATION OF SUBSTRATE:

Substrates must be clean, dry, solid and free of dust and grease. Adheres poorly or not at all to silicone, grease, polyethylene, mould release agents or similar substances. If necessary, strengthen the substrate by applying a suitable deep primer. Wet substrates can cause the hardened foam to shrink.

PROCESSING AND APPLICATION:

The frame elements or components to be installed must be properly prepared for fixing. The maximum permissible joint width around door frames is 30 mm. Make sure you have some PRONOVA Foam Cleaner to hand ready for cleaning and removing any fresh foam residues. The ideal working temperature is +20 °C. If the cans are too cold, warm them carefully in lukewarm water. Never heat to above +50 °C, or the can may burst. If the cans have overheated, e.g. in a vehicle in summer, cool them carefully in cold water and do not shake the cans!

Screw the adapter tube securely onto the valve as far as it will go (taking care not to operate the valve). Turn the activation mechanism at the bottom of the can through four full rotations in the direction of the arrow. This opens the inner container that contains the hardening component. Hold the can with the valve pointing downwards and shake the can vigorously about 20 to 30 times to thoroughly mix the two components together. Leave the foam to "mature" in the can for about 30 seconds before applying it. The foam must be a uniform light-green colour. If not, shake the can again. The can must be emptied of foam within 5 minutes; otherwise the foam could start to harden in the can and the can could burst.

CLEANING:

Remove any fresh foam spots or residues immediately with PRONOVA Foam Cleaner. Once the foam has hardened, it can only be removed mechanically.

STORAGE:

Store in cool, dry, frost-free conditions. If stored properly in its unopened original container, PRONOVA Quick Foam has a shelf life of up to 15 months. The date of manufacture is printed on the container.

DISPOSAL:

Observe the local regulations when disposing of waste material. Completely empty cans can be disposed of via the PDR recycling system.

IMPORTANT INFORMATION:

Never keep or transport the cans in the interior of a vehicle! Transport the cans only in the boot of the vehicle and ensure that the cans stand vertically and are secured in place! Protect the can from direct sunlight! Wear suitable protective clothing (protective gloves/goggles) when applying the product. Due to the variety of materials that could be processed and since we have no influence over the storage or application conditions, we cannot guarantee the results in individual cases. Since there is a very large number of possible applications, carry out your own tests to ensure material compatibility, if in doubt.

Before applying the product, read the safety instructions on the can and the details in the safety data sheet. The safety data sheet can be found at www.pronova-dichtstoffe.de.

PACKAGING:

Package: 400-ml can

Packaging: 12 pieces/box

Colour: Light green

The details provided in this technical information sheet are based on intensive application tests in the laboratory and in practice and are intended as guideline values and recommendations. The guideline values do not represent any guarantee or assurance. The responsibility for using the material in each case lies with the person using it. Since there are many different materials and the working conditions lie outside our sphere of influence, we recommend that you carry out your own tests, if in doubt.

Further information is available by telephone: 00 800 / 63333782 (free of charge for landline calls from Germany, Austria, Switzerland and The Netherlands).

The publication of this technical data sheet renders all previous editions of this data sheet void.