

TECHNICAL DATA SHEET

PENOSIL Premium Gasket Foam 103

One-component, ready to use polyurethane gun foam for sealing between lumber frame and drywall. Fine cell structure enhances thermal and acoustic insulation properties and provides airtight sealing.

- Improves air tightness of the construction
- Dense, consistent and flexible foam structure
- Excellent movement capability
- Very low diisocyanate monomer content (<0,1%)
- High thermal and acoustic insulation value

Fields of application

- Sealing between drywall and lumber framing

Application instructions

Application conditions

Air temperature during use: +41 °F to +104 °F. Make sure the ambient temperature stays within this range until the foam has fully cured.

Can temperature during application: +50 °F to +95 °F.

Surface preparation

Remove dust, loose particles and oil stains from the surfaces.

Application method

Shake the can vigorously at least 20 times. Remove the cap. Hold the foam can in upright position with valve up. Screw the can tightly to the gun by holding the gun handle with one hand and turning the can with the other hand. Do not aim the gun at people. Avoid screwing the can to the gun with valve upside down. Do not screw the gun to the can. Do not bend or turn the can during screwing. Hold the can upside down when extruding the foam. Foam output can be adjusted with gun trigger and adjustment screw. Excess foam can be cut after it has fully cured.

Cleaning

Use Penosil Foam Cleaner to clean tools and surfaces from uncured foam. Hands, clothes and foam gun can also be cleaned from uncured foam with Penosil Cleaning Wipes. Remove cured foam mechanically after softening with Penosil Foam Remover.

Technical data

Properties	Value	Unit
Tack free time (EN 17333-3)	20-24	min
Fully cured (+73 °F)	<24	h
Temperature resistance of cured foam	-58...+158	°F
Fire class of cured foam (DIN 4102-1)	B3	

The values specified were obtained at 73 °F and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.

Colour

White.

Package

14,1 oz can, 12 pcs in a box.

Storage conditions and shelf life

Guaranteed shelf life is 15 months from production date if stored in an unopened packaging in a cool and dry place at +41 °F to +86 °F. Do not expose to temperature over +122 °F, do not keep near heat sources or in direct sunlight. Store and transport in upright position. Secure cans before transport.

Limitations

- PU foam lacks adhesion to Teflon, polyethylene, polypropylene and silicone surfaces.
- It is not advisable to unscrew the gun from the foam canister intermittently. Foam should be used in a way that the gun is screwed on once.
- Cured foam is less sensitive to UV-light and direct sunlight than other conventional one-component polyurethane foams. It is recommended to cover the cured foam with suitable opaque sealant, filler, paint or other material to ensure lasting quality features.
- Though there is no need for additional moistening, the foam still needs air humidity for curing. Do not cover with materials preventing access of air humidity before the foam has completely cured.
- Please observe the expiration date!

Safety regulations

Pressurized canister. Use only in well-ventilated areas. Do not smoke during application! Use protective gear when necessary. Keep out of the reach of children. See label and safety data sheet (SDS) for more information.

Note: The instructions in the present documentation are based on tests carried out by the manufacturer and are presented in good faith. Due to variations in materials and substrates as well as the various application possibilities that are beyond our control, the manufacturer is not liable for the results achieved. In any case, it is recommended to test the product suitability at the place of application. Manufacturer reserves the right to modify products without prior notice. This TDS replaces and supersedes all previous data sheets on the same product.