



Sealing foam TECHNOMICOL MASTER

Single-component polyurethane foam in an aerosol can with an adapter

Product description

Sealing foam TECHNOMICOL MASTER is a single-component polyurethane material in an aerosol can with a special adapter for easy application without additional equipment. It ensures great thermal and sound insulation. The foam does not cause excessive pressure on structural elements and has excellent adhesion to most construction materials: concrete, brick, wood, metal, etc. (excluding polyethylene, silicone and Teflon). Gets cured under influence of moisture. Does not contain substances that deplete the ozone layer of the atmosphere.

Area of application

Sealing foam TECHNOMICOL MASTER is used for:

- thermal and sound insulation of joints when assembling window and door frames;
- filling cavities, gaps and cracks;
- sealing technological openings in roof structures and insulation materials.



Main characteristics

Properties	MASTER 65	MASTER 50
Weight of can, g	890±10	640±10
Volume of emitted foam, l	up to 65	up to 50
Tack-free time at (23±5)°C, min	≤ 15	≤ 15
Total curing time, h	≤ 24	≤ 24
Apparent density of the foam, kg/m ³	≤ 45	≤ 45
Thermal conductivity, W/m*K	≤ 0.04	≤ 0.04
Tensile strength at break, kN/m ²	≥ 80	≥ 80
Compressive strength at 10% deformation, kN/m ²	≥ 35	≥ 35

Performance of works

Application temperature range is from -10°C to +35°C. Do not apply the foam on the surface covered with frost or ice. The can temperature must be from +18°C to +25°C.

Moisten the application surface with a fine spray gun (4-6 pressings per 1 running meter of joint). Shake the can for at least 30 seconds before starting work, then screw an adapter with polyethylene tube onto the valve. The working position of the can is upside down. Apply the foam, taking into account the increase in volume by 1.5-2.5 times (depending on environmental conditions). In case of using in joints of more than 50x40 mm, fill in layers, with each layer moistened. Wait for 20 minutes before application of each following layer. Uncured foam is washed off with TECHNOMICOL foam cleaner, hardened foam is removed mechanically. After polymerization, it is necessary to protect the foam from UV and atmospheric precipitation using putty, water-based paint, etc.

NOTE: Do not use near an open flame. Work in well-ventilated areas. Avoid contact with skin and eyes.

Storage

The foam cans should only be stored and transported upright in dry conditions at a temperature from +5°C to +40°C. It is prohibited to store cans in direct sunlight and allow them to heat to a temperature above +50°C. Shelf life if all storage requirements are met: 12 months from the date of production.

Packaging information

Metal cans of 1000 ml, 12 pieces per package.