

PU GUN FOAM

STANDARD



PRODUCT DESCRIPTION

One component low expansion polyurethane gun foam with a capacity of 750 ml

APPLICATION

Application for windows, doors, window sills and the like of wood, wood-based materials, metals, aluminum, PVC and similar materials (except PE, PP), as well as thresholds, roller shutters, gates, shutters. Filling grooves and gaps in walls, ceilings and roofs. Thermal insulation of water and heating networks, ventilation, air conditioning.

CAPACITY

Index	Capacity
	[ml]
PPIANA750ML	750

HOW TO USE

Clean the substrate and degrease carefully. Protect the workplace surroundings with foil. Sprinkle the working gap with water. Immediately before use, shake the bottle vigorously (approx. 1 minute) and screw it on the gun. Fill the gaps in approx. 70%. Use the foam for joints with a maximum width of 4 cm and a depth of 5 cm. In the case of deeper joints, apply the foam in layers, with 15 minutes break between each layer. After application, sprinkle each layer with water using a sprinkler. After curing, trim off excess foam. When assembling the door frames, use mechanical fasteners and stabilizing struts. The recommended width of the gap when installing the door is max. 2 cm. Fresh foam can be removed with an acetone cleaner. Remove hardened foam mechanically. After applying, protect the foam surface against UV radiation with a sealing putty or mortar.

MAIN ADVANTAGES

- Low expansion (max. 30%)
- Short cutting time (up to 30 minutes)
- High yield (40-45 l)
- Excellent thermal insulation ($\lambda = 0.0348 \text{ W/m}^*\text{K}$)
- Sound proof (up to 61 dB)

PROPERTIES

Very good thermal, acoustic and damp insulation. High adhesion to concrete, mortars, plasters, ceramics, wood, steel, metals. High end yield. Low expansion (high precision and application control). It doesn't drip. Short processing time. Provides dimensional stability (does not warp frames and profiles).

APPLICATION

- installation of window and door frames, garage doors and roller shutters
- filling joints and gaps in joints between elements of building partitions
- filling of clearances and chases for pipes and conduits in walls, ceilings and roofs
- filling gaps around chimneys and roof windows
- filling gaps between polystyrene boards in external wall insulation systems
- thermal insulation of roofs and flat roofs
- soundproofing, joining and sealing of prefabricated wooden elements in skeletal structures
- fixing decorative or insulating boards and panels
- embedding thresholds, stairs, window sills

TECHNICAL DATA

Application temperature: +5°C to +30°C (optimally +20°C)

Can temperature: min. +5°C (optimally +20°C)

Curing time (dry): approx. 8-12 minutes.

Cutting time: 30 min. (temperature +20°C and humidity > 60%),

3h (temperature +5°C and humidity 30%)

Full hardening time: 24h

Cell structure: 80% closed

Thermal resistance after hardening: from -40°C to +90°C

Yield: 40-45 l (in free foaming conditions)

Flammability class: F (PN 13501-1)