PENOSIL PREMIUM FIRERATED GUNFOAM B1

Professional, **firestop** pistol foam for filling gaps

Product code	EAN code	Kind	Working temperature		Volume	Application	Expiry date	Version	Pudełko	Outer cartoon
			MIN	MAX						
		-	°C	°C	ml	-	months	-	pcs.	pcs.
A1592	4742640006948	CAN WITH FOAM	+5	+30	750	INJECTION GUN	12	FIRESTOP	1	12

MATERIALS:

- One-component professional fire-resistant foam with a **structure of 70% / 30% (closed cells / open cells)** and low expansion, supplied in cans with aerosol
- **Light pink** color
- Available in **summer** version
- Adheres well to many building materials, except: Teflon, polyethylene and silicone surfaces
- Provides very good sound and thermal insulation.

INSTALLATION:

- The surface on which the application is made must be free of dust, dirt and oil
- The surface on which the application will be made should be well moistened. Lack of adequate humidity can cause secondary expansion
- Used for gaps or linear joints up to 50 mm wide
- Applied on substrates of at least **A2** reaction to fire
- When applying in low temperatures, the can with foam should be preheated in a warm place or water. Place or water temperature should not exceed **+ 30° C**
- Before use, shake the can with foam vigorously at least **20 times**
- The amount of foam discharged should be adjusted with use of the injection gun trigger.
- After curing, the foam is not UV-resistant and must be covered within **24 hours**. Unprotected foam gets brittle. The foam can be painted with water-based paints
- Dirt from foam can be cleaned with **Premium Foam Cleaner**, **Premium Foam Remover** or with **Premium Cleaning Wipes**. Details are given in the cards of these products
- Detailed information on storage, transport and safety are available in the safety data sheet (SDS).

TECHNICAL SPECIFICATIONS

Properties	Unit	Value
Tack free time	minute	12-16
Cutting time (30 mm strap)	minute	30-40
Completely cured in joint (in temperature +23 °C)	hour	up to 18
Completely cured in joint (in temperature +5 °C)	hour	up to 24
Density	kg/m^3	25-30
Fire-resistance of cured foam (PN-EN 13501-2:2010)		EI45 - EI180
Fire class of cured foam (PN-EN 13501-1+A1:2010)	-	B-s1,d0
Volume decrease	%	non
Post-expansion	%	up to 30
Flash point of cured foam	°C	400
Tensile strength (BS 5241)	N/cm^2	8
Compression strength at 10% deformation (DIN 53421)	N/cm^2	2,5
Thermal conductivity	W/m*K	0,034
Temperature resistance of cured foam	°C	long period: -50 to +90

The following values were obtained at temperature +23°C and 50% relative humidity, unless stated otherwise.

Fire-resistance is tested and rated in accordance with PN-EN 13501-2:2010									
Joint depth	mm	≥100	≥100	≥100	≥100	≥200	≥200	≥200	≥200
Joint width	mm	≤40	≤30	≤20	≤10	≤40	≤30	≤20	≤10
EI	min	45	45	60	60	120	120	150	180