

PRODUCT DATA SHEET – PMPG-65-900

Section 1. PRODUCT DESCRIPTION

PROFESSIONAL LOW EXPANSION GUN FOAM GOLD-65 – PMPG-65-900

Gun fixing foam PMPG-65-900 is a professional single-component fixing and sealing foam which ensures the highest yield, a very good adhesion and short curing time, also at low temperatures. The foam features homogeneous, very light texture and low expandability. Cured by moisture. CFC- and HCFC-free. The foam is featured by excellent thermal and sound insulation, and thus fulfils requirements of the most demanding users. It is mildew and fungi resistant. The foam shows good adhesion to most building materials and surfaces, except Teflon, PE and silicone. When cured the foam should be painted using water-borne paints or plastered, because it is not resistant to UV radiation.

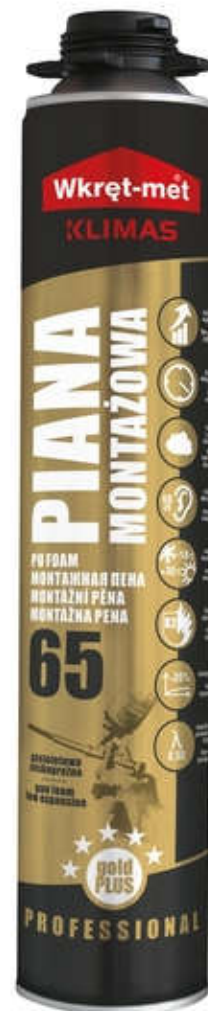
Use:

- sealing in the process of assembling all types of window and door joinery
- soundproofing walls
- filling in perforations and holes
- insulation of pipes
- embedding window sills and window blinds while preserving high parameters of thermal and sound protection

Advantages:

- high yield up to 65 l
- wide range of application temperatures
- good adhesion
- short curing time
- smooth and dense texture
- high parameters of thermal and sound protection

Fixing foam PMPG-65-900 holds National Technical Approval:
ITB-KOT-2019/1159 Rev. 1



Section 2. METHOD OF USE

1. Original products delivered by the manufacturer can be used only
2. Works with PU foams should be carried out with temperature and humidity within values declared by the manufacturer
3. Store foam can for 24h in room temperature or other specified in manufacturer's instructions
4. At low temperatures foam can should be heated up before operation in a warm room or in water. Temperature of room or water should not exceed +30°C
5. Surface on which foam is applied should be cleaned, free from dust, grease or other contaminations and well moistened with water. Moistened substrate ensures faster curing and has significant influence on foam texture
6. Apply the foam using an applicator as gun which regulates the amount of foam
7. Hold the can in an upright position with the valve up and twist the can on gun socket until you feel slight resistance
8. Make sure that the gun is not pointed at any person when the can is twisted
9. Do not twist the can on the gun while holding it with the valve down
10. Once the gun is fitted shake the foam can vigorously at least 20 times
11. Gaps should not be filled in a single foam application cycle
12. After application any foam which is not cured should be removed from tools and surfaces using foam and gun cleaner CZP-500
13. Cured polyurethane foam should be protected from UV radiation by covering it with products resistant to weather conditions. When unprotected the foam may lose its insulation properties

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Section 3. TECHNICAL DATA

TECHNICAL PARAMETERS		
Parameter	Unit	Value
Capacity	[ml]	900
Quantity per box	-	12
Temperature of application	[°C]	-20 to +30
Temperature of can during application	[°C]	+5 to +25
Increase of height of foam in gap	[%]	55 ± 10
Compressive stress with 10% deformation	[kPa]	≥ 35
Tensile stress perpendicularly to end surfaces	[kPa]	≥ 85
Shear strength	[kPa]	≥ 55
Adhesion of foam applied at -20°C to substrate made of:		
- concrete	[kPa]	≥ 80
- wood		≥ 150
- metal		≥ 120
- PVC		≥ 100
Adhesion of foam applied at +30°C to substrate made of:		
- concrete	[kPa]	≥ 50
- wood		≥ 80
- metal		≥ 110
- PVC		≥ 100
Absorbability after 24 h in water with partial immersion	[kg/m ²]	≤ 0,5
Dimensional stability after 48 h at +40°C and 95% RH:		
- length- and width-wise	[%]	± 5
- depth-wise (foam expansion direction)		± 11
Skin formation time	[min]	8 to 10
Cutting time	[min]	26 ± 15%
Complete curing in gap (+23°C)	[h]	up to 12
Complete curing in gap (+5°C)	[h]	up to 18
Total bulk density	[kg/m ³]	19 ± 15%
Fire resistance of cured foam	-	B3
Reduced capacity	[%]	-
Flashpoint of cured foam	[°C]	400
Heat transfer coefficient	[W/(mK)]	0,034
Sound insulation index	[dB]	60
Thermal resistance after curing	[°C]	long-term: -50 to +90 short-term: -65 to +110
Colour	-	light-yellow

*The given values were obtained at +23°C and 50% RH

Section 4. STORAGE

Store and transport foam cans only in an upright position. Store in a cool and dry place, at temperature min. +5°C to +30°C. Do not store at a temperature above +50°C, near sources of heat or in places exposed to direct sunlight. Guaranteed time of storage in a tightly closed package is 18 months from the date of manufacture.

Section 5. SAFETY PRECAUTIONS

Flammable. Protect against overheating and keep away from sources of ignition. Avoid direct sunlight. Do not smoke at work. The product may cause sensitisation when in contact with the skin, thus provide adequate ventilation during work, wear protective glasses and gloves. Keep out of the reach of children. Cured foam poses no risk to human health. Detailed safety information can be found in MSDS.

Section 6. REMARKS

1. All previous versions of this Product Data Sheet shall cease to be valid
2. Data given in this Product Data Sheet is in accordance with current knowledge and published in good faith. KLIMAS Sp. z o.o. is not responsible for correctness and quality of the fixing if recommendations regarding method of use and installation are not followed.