FLEXFOAM-200

PROFESSIONAL AND PERMANENTLY ELASTIC SINGLE-COMPONENT GUN FOAM



PRODUCT DESCRIPTION

Professional and permanently elastic single-component gun foam based on polyurethane. Ideal for making airtight seals, optionally in combination with other GRIFFON HBS-200® products. Quick and easy application with the GRIFFON PU Foam Gun. Because the foam remains flexible, it is easy to make permanent, insulated seals between two (significantly) moving surfaces.

FIELD OF APPLICATION

Suitable for sealing and insulating, as well as filling seams, pointing, holes, cracks and gaps and making joints to prevent air and heat loss, draughts, noise and damp. This includes joints between partition walls and ceilings, between walls, clearance spaces between window or door frames and the wall, ridge seams, roof decking, chimneys and roof panels, pipe ducts, sleeving, cables and electrical conduits. Adheres to many building materials including wood, concrete, stone, brickwork, plasterwork, metals, glass and many plastics including polystyrene, polyester and PVC.
Not suitable for polyethylene, polypropylene, polymethyl methacrylate and polytetrafluoroethylene.

PROPERTIES

· Airtight, tested to 1,050 Pa
· Remains elastic (25%)
· Excellent sound insulation
· Low subsequent expansion, minimum cutting loss
· Paint and stucco finishing
· Water resistant
· Resistant to chemicals
· Temperature resistant from -40°C to +90°C
· ± 70% closed cells

CERTIFICATES & STANDARDS

Certificates	
GEV-EMICODE EC 1 PLUS very low emission	EMICODE: Classification system (GEV) of emission properties for construction products in indoor areas. EC-1 Plus (Very low emission Plus)

Standards	
EN 1026	Windows and doors - Air permeability: completely airtight.
EN 12114	Thermal performance of buildings - Air permeability of building components and building elements: completely airtight

PREPARATION

Working Conditions: Working temperature between +5°C and +35°C.
Personal safety: When applying, always wear protective gloves, safety goggles and overalls.
Surface Requirements: Surfaces should be free of dust and grease. Preferably, slightly moisten the surfaces.
Tools: GRIFFON PU Foam Gun.

APPLICATION

Coverage: 750 ml yields 30 - 35 liter cured foam
Directions for use:
Shake well before use (at least 20 times).
Load the canister onto a GRIFFON PU Foam Gun. Keep the canister upside down when using. Do not fill spaces more than half full. Fill large spaces with the foam layer by layer. Moistening the foam will result in faster curing times. Tack-free after approximately 8 minutes and cuttable after approximately 30 minutes. Total curing period approximately 1.5 hours, depending on thickness and ambient conditions. Can be cut, sawn, sanded and painted after curing.
Stains/residue: Immediately remove spots and splashes with GRIFFON PU-Foam Cleaner. Remove any cured foam mechanically.

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.

FLEXFOAM-200

PROFESSIONAL AND PERMANENTLY ELASTIC SINGLE-COMPONENT GUN FOAM

TECHNICAL SPECIFICATIONS

Chemical base:	PU Prepolymer
Colour:	White
Cutting time:	20-40 minutes
Drying/Curing time approx.*:	90 minutes
Filling capacity:	Very good
Fire class:	B3
Flash point:	K1 (<21°C)
Joint sound insulation:	63 dB
Minimum temperature resistance:	-40 °C
Maximum temperature resistance:	90 °C
Moisture resistance:	Good
Movement capability:	25 %
Permeability test:	Up to 1050 Pa
Skinover time:	8 minutes
Water vapour diffusion resistance factor:	36μ
Water vapour diffusion Sd value:	1.3 m

* Curing time may vary depending on a.o. surface, product quantity used, humidity level and ambient temperature.

STORAGE CONDITIONS

Shelf life: At least 12 months after production.
Store UPRIGHT in a cool, dry place to prevent the valve from gluing up.
Limited shelf life after opening.

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.