



CONSTRUCTION FOAM

UNIVERSAL POLYURETHANE FOAM WITH HIGH EXPANSION CAPACITY.



PRODUCT DESCRIPTION

Universal polyurethane foam with high expansion capacity. Can be used indoors and outdoors. High insulation value, exceptional adhesion to many surfaces, can be used internally and externally, paintable, resistant to water and many chemicals, CFC and HCFC-free (ozone harmless)


FIELD OF APPLICATION

For fast and easy sealing, insulating and filling of larger seams, joints and cracks against heat loss, cold, draughts, sound and moisture. Bonds to many building materials, such as wood, concrete, stone, masonry, plasterwork, metal, glass and many synthetics including polyester, polystyrene foam (Styrofoam), PVC and rigid polyurethane foam. No adhesion to polyethylene, silicone and PTFE

PROPERTIES

- Large filling capacity
- High insulation value
- Excellent bonding on many surfaces
- Can be used internally and externally
- Paintable
- Resistant to water and many chemicals
- CFC and HCFC-free (ozone friendly)

CERTIFICATES & STANDARDS

Standards	
	DIN 4102-1: Flammability of construction products, classification B3: Flammable.

PREPARATION

Working Conditions: Only apply at temperatures between +5°C and +40°C.

Personal safety: Wear gloves and protective clothing while using. Also provide adequate ventilation.

Preliminary Surface Treatment: The substrate must be thoroughly free of dust and grease. Preferably moisten dry surfaces to optimise adhesion and yield.

APPLICATION

Coverage: 500 ml / 20-25 litres foam.

Directions for use:

Shake the can well before each use (10 to 20 times). Hold the can upside down while spraying. Fill the joint or area for about 50%. The amount applied will expand to about 2 to 3 times the original volume. For filling large volumes apply foam in layers and allow to froth. Moisten between each layer. After curing, the foam can be cut, drilled and painted, and, if desired, plastered.

Stains/residue: Remove wet stains immediately with BISON Gun & Foam Cleaner or acetone. Cured stains can only be removed mechanically.

Points of attention: BISON Construction Foam has a high expanding capacity. In order to prevent deformation of these materials, please fixate where necessary.

TECHNICAL SPECIFICATIONS

Chemical base:	PU Prepolymer
Chemicals resistance:	Good
Colour:	Cream
Cutting time:	30 minutes
Drying/Curing conditions:	1 hour at 20°C, 3-6 hrs at 0°C, 6-9 hrs at -5°C and 9-12 hrs at -10°C (bead size 30 mm).
Filling capacity:	Very good
Fire behaviour:	B3
Flash point:	K1 (<21°C)
Minimum temperature resistance:	-40 °C
Maximum temperature resistance:	90 °C
Moisture resistance:	Good
Skinover time:	8 minutes
UV resistance:	Moderate

STORAGE CONDITIONS

Store in properly sealed packaging in a dry place at between +5°C and +25°C.

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.