

## Bencofoam®

### High yield PU-foam for filling, fixing, insulating and backing

TDS: Bencofoam 2302EN

Bencofoam is a fast expanding PU-foam for filling, fixing, insulating and backing for processing with a dosing gun. This foam hardens by absorption of moisture from the atmosphere. It has excellent temperature and noise insulation with strong adhesive properties.



#### Applications

- Installation of window and door frames
- Sealing of partition walls and adjustment spaces
- Sealing penetrations of pipes and conduits
- Sealing holes, joints, cracks and cavities in wall, connecting seams of chimneys, ridges, rafters and dormer windows
- Sealing insulation boards in walls and floors

#### Features and benefits

- Excellent adhesion
- Fine cell structure
- Excellent insulation values
- Good heat and sound insulation
- Free foam yield up to 45 litres
- Thanks to the special valve, cans can be stored both upright and lying down

#### Characteristics

Bencofoam adheres excellently to most building materials such as wood, stone, concrete, masonry, metal and various plastics; not on polyethylene, silicones, greases, etc. Bencofoam can be processed well at temperatures from +5°C to +25°C. Cured foam is rot-proof, moisture and temperature resistant from -40°C to +80°C. Bencofoam is aging resistant, but not UV resistant.

#### Processing

Substrates must be solid, clean, free of dust and grease. Moisten porous surfaces lightly with water to promote foam yield. Shake the 750ml canister vigorously 20x before use. Screw canister hand-tight onto gun. Invert the can and carefully dose the foam flow with the trigger. Shake regularly during processing. Fill cavities up to 65% because fresh foam still expands. For larger joints and cavities, moistening after each layer of foam is recommended. Remove spilled foam immediately with Bloem Spray Cleaner or Powerscrub cleaning cloths. Opened canisters must be used within 4 weeks. Before processing, please read the instructions on the label.

#### Technical data at 23°C and 60% RH

Processing temperature:	+ 5°C to +25°C
Optimal processing temperature:	+20°C
Min. can temperature:	from +5°C
Temperature resistance:	-40°C to +80°C
Shortly up to:	to +100°C
Tack free time:	after 10 min.
Cutting time (cord of Ø 20 mm):	after 30 to 45 min.
Cell structure:	fine /closed
Thermal conductivity, DIN52612:	0,036 W/mK
Tear strength, DIN 53571:	13,0 N/cm <sup>2</sup>
Compression strength, DIN 53421:	0,03 MPa
Density, ASTM D1622:	19 Kg/m <sup>3</sup>
Water absorption:	≤1%

#### Packaging

Content canisters 750 ml. 12 canisters per box.

#### Cleaning

Remove fresh, uncured foam with Bloem Spray Cleaner or Powerscrub cleaning cloths. Cured foam can only be removed mechanically.

#### Storage and shelf life

12 months, cool and dry (+5°C to +25°C). See the date stated on the canister.

#### Safety precautions

Contains isocyanates. Highly flammable. Keep out of reach of children. Irritating to eyes, respiratory tract and skin. After contact with eyes, rinse with plenty of water and consult a doctor. Ventilate the work area well during processing. Keep out of sunlight and do not expose to temperatures above 50°C. See [www.bloemsealants.com](http://www.bloemsealants.com) for detailed information.

#### Transport Classification

No special measures necessary.