PARAFOAM NBS WINTER

CHARACTERISTICS

- One-component polyurethane foam based on a moisture curing polyurethane prepolymer
- The foam can be used at very low ambient temperatures from -10°C to +25°C.
- Accurately controlled application with NBS gun
- CFC- and HCFC- free (ozon friendly)
- The can has a safety valve in special synthetic material :
  - no intrusion of moisture
  - horizontal and vertical storage of can is possible
  - no vulcanization behind the valve (no reaction of moisture with prepolymer).
  - no foam breakout through the valve
- Can be painted and plastered over
- High volume - low expansion
- Resistant against water, heath and chemicals
- Good thermal and acoustic insulation

APPLICATIONS

- Surfaces: excellent adhesion to concrete, masonry, stone, plasterwork, wood, fibre cement and metals.
- Filling, sealing and insulating of joints:
  - partition walls with ceilings
  - structural space between window- and door frames and walls
  - structural- and fitting space between prefabricated construction elements
  - seams between chimneys, roof protection, roof panels and wall panels
  - around cables and pipes, penetrations through walls and ceilings
  - gluing panels/insulating sheets (like polyurethane and polystyrene)

TECHNICAL CHARACTERISTICS	
Base	polyurethane-prepolymer
Colour	Yellow
Curing system	Moisture curing
Density	18 - 22 kg/cm^3
Yield	ca. 45 l (750 ml)
Processing temperature	-10°C - +25°C
Optimal can temperature	20°C
Minimum can temperature	5°C
Shelf life, in the original packing in a cool and dry area.	21 months
Fire class	B3 (DIN 4102, part 1)
Tack free	After 4 - 6 min
Can be cut	After 7 - 9 min
Cured	After 1 h (30 mm foam bead)
Tensile strength	0,18 N/mm^2
Temperature resistance	Long term : -40°C - +80°C Short term : -40°C - +100°C
Shear strength	8 N/cm^2
Thermal conductivity : DIN 52612	0,04 W/m°K
Water absorption	0,3 Vol.%
Acoustic insulation : DIN 52210-3	58 dB

This technical data sheet replaces all previous editions. The data on this sheet have been compiled according to the last laboratory report. Technical characteristics can be changed or adapted. We are not responsible for any incomplete information. Before use, one needs to ensure that the product is suitable for his application. Therefore, tests are necessary. Our general conditions apply.

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PACKING AND COLOURS

12 cans of 750 ml/box - 56 boxes/pallet

METHOD OF USE

Preparation

Surfaces should be sound, dry, free of dust and grease. Porous surfaces should be pre-moistened with water.

Application

- Shake can vigorously before use (20 to 30 times).
- Screw the can onto the gun according to the instructions. Hold the can upside down when extruding the foam.
- The dispensing volume can be controlled by using the gun trigger and the adjustment screw.
- Joint and cavities should only be filled 70%. When filling deep holes and joints the foam should be applied in beads at short intervals of 1 hour.

Cleaning

Fresh foam spills must be removed immediately within the tack-free time with **Parafoam Gun & Spray cleaner.**
Cured foam can only be removed mechanically or with **Parafoam remover.**

SAFETY

Safety data sheet available on request.

LIMITATIONS

- Not UV resistant
- Does not adhere to silicones and polyethylene

TECHNICAL APPROVALS

* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

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