

BCF 750 B3 MAN

Code: 750105

TECHICAL DATA SHEET

Update – 08/2025

POLYURETHANE FOAM B3


CHARACTERISTICS

BCF 750 B3 MAN is a one component polyurethane adhesive self-expanding, ready to use. The product is suitable for filling voids and cavities, and has excellent adhesion to surfaces such as concrete, masonry, wood, aluminum and metals.

Reaction to fire class B3 (DIN 4102). The product hardens with atmospheric moisture. The product does not adhere to materials such as silicone, polyethylene, Teflon and polypropylene. CFC free. The hardened adhesive must be protected from UV rays.

PROPERTIES



Base	Polyurethane
Application	Filling voids and cavities
Colour	Beige
Reaction class to fire DIN 4102	B3
Density	16-18 kg/m ³
Service temperature range	-40°C ÷ +90°C (+110°C short period)
Yield	30 l
Application temperature	+5°C ÷ +35°C
Tack free time FEICA TM 1014	15 min. (24°C – 50% UR)
Cutting time	45 min. (24°C ÷ 50% UR)
Hardening time	50 ÷ 150 min. (joint 30 mm) (as a function of humidity and temperature)
Deep hardening time	12 ÷ 24 hours (joint 30 mm) (as a function of humidity and temperature)
Thermal Conductivity	0,035 W/mK
Acoustic insulation	61 dB
Dimensional stability FEICA TM 1004	-5% < DS < 0%
Storage conditions	Can vertical in a cool, dry place (See product label for more information)
Storage temperature	+5°C ÷ +25°C
Expire Time	18 months
COV French Classification	<div style="display: flex; align-items: center;"> <div style="text-align: center; margin-right: 10px;">  </div> <div style="text-align: center;"> <p>ÉMISSIONS DANS L'AIR INTÉRIEUR</p> <p style="font-size: 2em; color: green; font-weight: bold;">A+</p> <div style="display: flex; justify-content: space-around; font-size: 0.8em;"> A+ A B C </div> </div> </div>

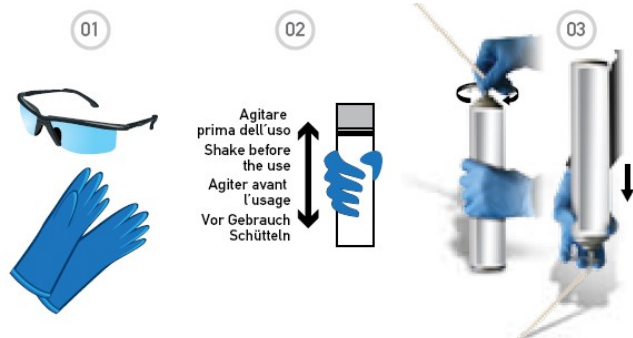
APPLICATION

The surfaces where the foam will be applied must be hard, straight, clean, free of oil, grease, dirt and elements that can detached. Minimum temperature of the foam for the application of + 5 ° C (ideal 20 ° C).

Shake the bottle before use. Wear protective goggles and protective gloves during use.

Screw the dispenser on the cylinder of the can.

Dose the product with attention. Cavities with superior thickness to 4-5 cm should be filled with multiple applications. Wait about 15-30 minutes between one application and another. Before any application is recommended to spray small amounts of water on the surface. Fill the cavity for about 50-60% since the foam expands.



During the use keep the can upside down.

The fresh product can be removed with a special cleaner BCF SOLVENT. The excess hardened product can be removed mechanically by cutting.

WARNINGS

Please read the safety data sheet. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 ° C. Do not pierce or burn, even after use. Do not spray on a flame or any incandescent material. Avoid direct inhalation and spray into the eyes. Keep out of reach of children. Keep away from sources of ignition. Not smoking. Store protected from any source of combustion. Do not breathe gas, fumes, aerosol fumes. Use only in well-ventilated areas.

In case of work stoppage clean the gun with a special cleaner BCF SOLVENT. Screw the gun to the cylinder and leave it mounted. Use in a short period.

Our technical standards are based on reliable tests and practical experience to advise and serve in the best way.

The information and data contained in this sheet is considered reliable, but not binding in any way our liability.

It is therefore recommended to carry out tests on their own to ensure that the product meets the needs of your choice.

Furthermore, we refer to our conditions of use. We accept no responsibility for the misuse of the product.

The technical details may be subject to revisions. To verify the validity contact our Technical Department.