

TECHNICAL DATA SHEET

GEBIFOAM TETTI B3 – CS04

Description

GEBIFOAM TETTI P750 B3 is one component polyurethane foam, for application with gun. Ideal for professional applications, for assemblies and isolations in constructions, industry and household applications. It expands and gets hardened if the air and sub-layer humidity is absorbed.

Applications

The assembly / sealing up of the door and window frames within the masonry;
The isolation of the systems of pipes and cables when passing through the walls;
The assembly of decorative and isolating boards;
The filling up of the joints / spaces between the walls;
Thermal isolations at the roofs.

Surfaces (surface type, surface preparation). Adherence

The excellent adherence on most of the construction materials: concrete, plaster, brick, wood, OSB, metal, rigid Polyurethane foam, polyester and hard PVC. The surfaces must be clean and without any grease, oil or other particles. For a faster expansion and curing of the foam, the surface must be damped by splashing some water on the application area. You need to agitate the foam can very well before using (at least 30 times).

Limitations

It shall not be used in spaces under constant water immersion and in completely closed spaces!
The foam must be applied in joints of maximum 4 cm x 4 cm. For bigger joints, it may be applied in successive layers after the previous layer is dried. For exterior use, the surface of the foam must be protected against the ultraviolet rays (UV), by covering with a protective layer of lute, plaster or paint. It does not bond to Silicon, Teflon, Polyethylene, Polypropylene and greasy or oily surfaces. The foam does provide a barrier to moisture, but in time small amounts of water will migrate through the foam.

Application. Application Instructions. Tools

The protection cover of the tube is removed and the can is assembled on the gun. The can must be very well agitated (minimum 30 times) before each use. The screw behind the gun must be removed (the opposite cover of the orifice whereby the foam goes out) in order to take the air out from the gun. The issued foam debit is regulated using the screw behind the gun and by pressing the dog; the gun is kept attached to the can in order to ensure the sealing up of the system.

After usage, the gun is cleaned with **GEBIFOAM D500**. It must be screwed at the gun's fillet and the dog is pressed few times in order to dissolve all the foam rests. The adapter of the gun shall be oiled with a spray. If there is any foam left in the can, it is enough to close up the screw of the gun, by keeping the foam can on it until the following use. Fill in maximum 60 – 70 % of the joint, as the foam will expand. After curing, the exceeding foam shall be cut with a knife or a cutter.

Cleaning

The unhardened foam, the one that is accidentally dropped must be immediately removed with **GEBIFOAM D500**, thinner or acetone. The hardened foam can be removed with **GEBIFOAM D500** (dissolved the hardened foam) or, if not available, it can be mechanically removed. The wallpaper, carpet and furniture must be covered with paper or plastic foil.

TECHNICAL DATA

Base:	Polyurethane
It does not contain H(CFK)	
The temperature of the environment and of the sub-layer when applied:	+5°C ÷ +35°C
The temperature of the can when applied:	min. +10°C
Density (ISO 7390):	18-25 kg/m ³
Expansion in pre-wet joint 4x4 cm (joinery assembly)*:	20÷30 liters
Free expansion (filling up of spaces)*:	25÷35 liters
Skinning time*:	8÷12 min.
Cutting time*:	40÷80 min.
Curing time*:	5÷24 hours
Freeze Resistance:	up to -15°C, during transportation
Resistant at the temperature of:	after curing -40 ÷ +90°C
Dimensional stability:	+1 ÷ -5%
Closed cells:	approximately 70%
Isolation value:	25÷30 mW / mK (DIN 52612)
Fire resistance class:	F (C4)

* under laboratory conditions, at the temperature of: +23°C; U.R. 55%

Note: the cutting time and the curing time depend on the temperature and humidity of the environment, support and can during application.

General security. Security measures.

The security data sheet is available upon request.

Shelf life: 12 months in the original package, at temperatures between +5°C and +25°C. Only vertical storage with the valve up!

Color: grey

Dimensions of the joint: minimum width - 8 mm; maximum width - 40 mm

Guarantee and Liability

The manufacturer guarantees that the product observes the technical specifications, during the validity time and under the operation, transportation and storage conditions stipulated under the technical and security data sheets. All the provided information is the result of the performed tests and of the manufacturer's experience and it is only general information. Nevertheless, such information does not involve any liability. It is the user's responsibility to check whether the product is adequate for the targeted application, by performing his/her own tests. The manufacturer cannot be liable under any circumstances for accidental damages or consequences resulted from the use of the product.