

Ceresit

750G Foam-Fix

Technical Datasheet

Version 01.06.2015

Pages 3

PROPERTIES

- ▶ One-component, moisture curing, expanding polyurethane foam
- ▶ GUN application
- ▶ Excellent adhesion to most substrates
- ▶ High thermal and acoustical insulation
- ▶ Very accurately controlled application
- ▶ Minimal waste, due to accurate dosage
- ▶ Resistant to moisture
- ▶ Self-expanding, free of dust in 20min
- ▶ Resistant to ageing
- ▶ No 'overwhelming' post-expansion
- ▶ Cured foam is non-toxic

APPLICATIONS

- Filling structural space between window and door frames
- Filling of cavities
- Mounting of window and door frames
- Sealing openings in roof constructions / insulation materials
- Creating soundproof screens
- Filling of cavities around cables and pipes
- Filling penetrations through walls and ceilings
- Fixing and insulating of wall panels, roof tiles
- Acoustic panelling and soundproofing
- Partition walls with ceilings
- Seams between chimneys and roof panels

PROCESSING

Before application:

- a) The Ceresit 750G can should be kept at room temperature for least 12 hours.
- b) Shake the can thoroughly for 15 seconds.
- c) Read the danger designation and safety box on the label carefully before dispensing the foam.



Foam application:

Remove the plastic cap from the can and screw the can tightly onto the gun (without over tightening). When working with the gun, always keep the can upside down with the valve pointing

downwards. The gun trigger or the adjustment screw controls the dispensing volume. The foam should only be dispensed in well-ventilated areas. **DO NOT SMOKE.**

Surfaces must be clean and dust free. They can be moist, but not icy. Moisturising the surfaces and the foam improves adhesion and cellular structure of the cured foam. Since the foam is expanding until cured, some free space for expansion should be allowed for.

Foam should be applied in beads. Moisturise between layers. Wait for 1 to 2 hours before applying a new layer in very deep holes or joints.

Removal of the can, before it is totally empty, is not recommended. When replacing the can, shake the new can vigorously. Unscrew the empty can and replace it immediately to ensure that there is no air left in the gun. If you do not want to replace the can, remove the foam from the gun.

Any spots of fresh foam can be cleaned using *Ceresit PU CLEANER*.

Cured foam can only be removed mechanically.

Product Coverage:

Up to 45 litres of cured foam from one can (mainly depends upon working conditions - temperature, air humidity, available space for expansion, etc).

TEMPERATURES

Application Temperatures:

+5°C (minimum) to 40°C

Service Temperatures: -55°C to +90°C

CHARACTERISTICS

Physical appearance:	Viscous mixture, which foams upon release from container and cures by taking moisture from the air
Base:	Polyurethane
Odour:	Slight specific smell during curing stage, no smell when cured
Density:	< 25 kg/m ³
Setting time:	1hr (RH 93%) or 18hr (RH 15%); max 24hr
Tack-free time:	7 - 16 min (ca 20°C/RH >30%)
Expanding volume:	less than 40%
Flashpoint of cured foam:	> +400°C
Fire class of cured foam:	B3 (DIN 4102)
Thermal stability of cured foam	-55°C to +90°C

Dimensional stability:	±5%
Long term water absorption of cured foam:	max 10% (EN ISO 12087 (1997))
Tensile strength:	3 N/cm ²
Compression strength:	3 N/cm ²
Thermal conductivity (cured foam):	0.030 W/m K

IMPORTANT ADVICE

Cleaning of the skin

During application, wear suitable eye protection, gloves and protective clothing.

Storage

Store upright, in a cool, dry place. Do NOT store at temperatures above +50°C.

Shelf Life

12 months when stored in original, unopened packaging. For longest shelf life, store between 5°C and +25°C

SAFETY

Contains: diphenylmethane-4,4'-diisocyanate. Harmful by inhalation. Irritating to eyes, respiratory system and skin. May cause sensitisation of skin. In case contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin wash immediately with plenty of water and soap. Due to gaseous components ensure good ventilation when working. All gases - CO₂, propane, butane are heavier than air. CERESIT 750G is not harmful to ozone layer. Contents under pressure. Exposure to temperatures over +50°C may cause bursting. Do not puncture or incinerate the can. **DO NOT SPRAY NEAR HEAT OR FLAME!**

Safety Advice

Consult the Material Safety Data Sheet (MSDS) for Ceresit 750G Foam-Fix.

www.ceresit.co.uk

COLOURS

Yellow

PACKAGING

Ceresit 750G Foam-Fix is supplied in 750ml aerosol cans

SUBSTRATE COMPATIBILITY

Ceresit 750G Foam-Fix has excellent adhesion to wood, concrete, stone, metals, masonry, plaster, brickwork, fibre cement and several synthetic materials such as styropor, PU-foam, polyester and PVC.

LIMITATIONS OF USE

Note: The cured foam must be protected from direct sunlight / UV-radiation

DISPOSAL

Product and packaging disposal

Do not pour directly into drains. Retain the product for later use, or if beyond shelf life, dispose of the product in accordance with local regulations. Dispose of the empty packaging in accordance with local regulations (please refer to Safety Data Sheet for more information).

Please note: The information provided herein, especially recommendations for the usage and the application of our products, is based upon our knowledge and experience. Due to different materials used as well as to varying working conditions beyond our control, we strictly recommend to carry out intensive trials to test the suitability of our products with regard to the required processes and applications. We do not accept any liability with regard to the above information or with regard to any verbal recommendation; except for cases we are liable of gross negligence or false intention.

**Henkel AG & Co. KGaA - 40191 Düsseldorf,
Germany**

www.ceresit.co.uk

The Ceresit logo consists of the word "Ceresit" in a bold, white, sans-serif font, set against a black rectangular background.