

# CHEMIFOAM ROOF & TILE GUN

## PRODUCT DESCRIPTION

**CHEMIFOAM ROOF & TILE** One-component polyurethane adhesive foam, curing in contact with ambient humidity, used for mounting and fixing tiles.

It has low expansion and excellent adhesion to any material used in roofing.

It is used as a substitute for cement-based mortars, offering better quality, in addition to being faster and more economical.

## CHARACTERISTICS

- ✓ Professional quality
- ✓ Replaces nails, screws and putties
- ✓ Easy application and reuse.
- ✓ Low expansion.
- ✓ Excellent adhesion on any material used in coverings.
- ✓ Hardens quickly
- ✓ Resistant to humidity and low temperatures.
- ✓ Provides additional thermal insulation.
- ✓ Does not shrink
- ✓ Paintable
- ✓ One can, covers approximately 7 to 10m<sup>2</sup> of roof.

## TECHNICAL SPECIFICATIONS

| Properties                  | Value   | Standard          |
|-----------------------------|---|-------------------|
| Composition                 | Polyurethane Prepolymer                             | -                 |
| Healing system              | Air humidity contact                                | -                 |
| Specific density            | 19 ±1 Kg/m <sup>3</sup>                             | FEICA OCF TM 1019 |
| Film formation time         | 5-10 min  | FEICA OCF TM 1014 |
| Cut off time                | 20 – 25 min   | FEICA OCF TM 1005 |
| Healing time                | 1,5-5 hours (depending on temperature and humidity) | -                 |
| Fire resistance             | B3  | DIN 4102-1        |
| Thermal conductivity (20°C) | 0,036 W/m.k   | DIN 52612         |
| Compressive strength        | 0,04-0,05 MPa                                       | FEICA OCF TM 1011 |
| Tensile strength            | 0,12-0,14 MPa                                       | FEICA OCF TM 1018 |
| Dimensional stability       | ± 5%  | FEICA OCF TM 1004 |
| Water absorption            | máx. 1% vol   | DIN 53428         |
| Elongation at break         | 20–30%  | FEICA OCF TM 1018 |
| Temperature resistance      | -40°C a +90°C                                       | -                 |
| Application temperature     | 5°C a +20°C   | -                 |
| Color                       | Terracotta  | -                 |
| Validity                    | 24 months   | -                 |

### CHEMIFOAM CHEMIFOAM ROOF & TILE



## APPLICATIONS

CHEMIFOAM ROOF & TILE was developed for fixing and repairing tiles and ridges, bonding and filling spaces hollow tiles and corrugated tiles.

Installation and fixing of tiles on side walls.

## METHOD OF APPLICATION

### PREPARATION

- The application temperature is between -2 °C and +30 °C. For the most effective application and expansion, the packaging should be at a temperature of +20 °C. It must be kept at room temperature for at least 12 hours before application.
- Shake the can vigorously for approximately 1 minute before use, with the valve facing down.
- Screw the foam canister onto the applicator gun. Foam output can be regulated with the trigger and controlled with the adjustment screw on the back of the gun.

### APPLICATION

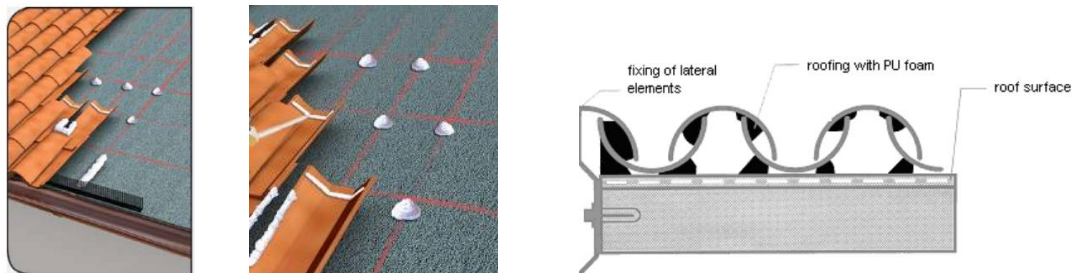
- You should always keep the can upside down during application.
- Apply foam by pressing the gun trigger.
- It is recommended to moisten the area before applying the foam, moisture speeds up the curing time, improves adhesion and guarantees a better result.
- When the application is interrupted for a period between 10 and 15 minutes, it is necessary to clean the gun, using **SPRAY CLEANING POLYURETHANE CHEMIFOAM FOAM**.

### CLEANING

- Fresh foam can be cleaned with the **SPRAY CLEANING POLYURETHANE CHEMIFOAM FOAM**, as well as the spray gun used for application.
- Cured foam can be mechanically cleaned.

### PAINTING

- Cured foam will discolor if exposed to ultraviolet light. Paint or coat cured foam for best results in outdoor application.



## RESTRICTIONS OF USE

Does not adhere to PE, PP, PTFE and silicone.

Not resistant to UV rays, it is recommended that it be painted to avoid discoloration.

Due to the wide variety of possible substrates, a prior compatibility test is recommended.

## SAFETY INFORMATION

Contains isocyanates. May cause an allergic reaction.


As of August 24, 2023, proper training is required prior to industrial or professional use.

Additional information on safety, safe handling instructions and personal protective equipment is available in a safety data sheet. The safety data sheet is available on request. Consultar a ficha de dados de segurança, antes de utilizar o produto.

## **STORAGE CONDITIONS AND SHELF LIFE**

It must be stored and transported in an upright position. Store in a cool, dry, well-ventilated environment between +5°C and +25°C, away from sources of heat and moisture. Storage outside these conditions shortens the shelf life. Validity 24 months.

## **PACKAGING**

| SAP        | DESCRIPTION                              | ml  |  | EAN           |
|------------|--|-----|---|---------------|
| CH06011002 | <b>CHEMIFOAM ROOF &amp; TILE -Manual</b> | 750 | 12  |               |
| CH06011001 | <b>CHEMIFOAM ROOF &amp; TILE Gun</b>     | 750 | 12  | 5604630059527 |

**Note:** This technical sheet cancels and replaces others previously issued for the same product. The technical information given, verbally or in writing, is based on our current knowledge, given in good faith and supported by various laboratory tests. Taking into account the diversity of factors that may affect the product during its use, as well as the various application techniques, the user is responsible for confirming and carrying out his own tests and experiments, whether the product is suitable for the process and type. of use in question. For these reasons, any application of the product is carried out under the sole responsibility of the user, and CHEMITOOL-LUSAVOUGA S.A. cannot. be liable for any losses or damages, directly or indirectly resulting from the application. All product features, specifications and images are subject to change without notice.