

## ETHAFOAM

ST3-0221



*Closed cell profile used to pre-fill joints or cracks to be sealed*

### DESCRIPTION

**Ethafoam** is a preformed plastic cord in closed polyethylene foam, to pre-fill joints or interstices which will be sealed with elastomeric products.

### USES

**Ethafoam** is used as pre-filling for expansion joints, construction joints, static joints, or for any other crack or crevice which will be filled with Kimia sealants.

It is possible to cut it with scissors or cutters and follows the pattern and movement and joints even with sharp edges and corners.

It prevents the adhesion of sealant to the bottom of the joint thus allowing an optimal behaviour of the elastic sealing material.

It contributes to a longer duration of the work thanks to its resistance (at room temperature, + 5°C ~ + 25°C) to most solvents and chemicals.

### APPLICATION

Use the **Ethafoam** cord of a proper diameter depending on the joint width to be sealed.

We recommend using an **Ethafoam** cord diameter of 1.2 ÷ 1.5 times greater than the maximum joint width.

If the limited depth of the joint does not allow the introduction of the proper size of **Ethafoam** cord, we recommend cutting it with a sharp blade to obtain a semicircular cord; alternatively, it is possible to pair with adhesive tape, two **Ethafoam** threads smaller in diameter than the theoretical (for example: two cords Ø 10 mm coupled, instead of a rope Ø 20 mm).

The **Ethafoam** cord can also be deformed with a simple finger pressure.

Push the **Ethafoam** cord into the joint at a depth that will meet the exact width / depth ratio of the elastic or plastic sealants (see technical specifications).

The cord **Ethafoam** is self-sustaining within the walls of the joint, by simple lateral friction.

After laying the **Ethafoam** cord continue to seal the joint with a suitable sealer.

### CONSUMPTION

1 meter per linear meter of joint.

### PACKAGING

Rolls sold by meters in diameter Ø 6 - 10 - 16 - 20 - 25 - 30

### STORAGE

Material is frost sensitive - maintains the temperature not lower than + 5°C. In these conditions and in hermetically sealed containers, it maintains its stability for 24 months.

Characteristics	Value
Apperance	polyethylene plastic-cord
Colour	grey
Specific weight	30 - 40 Kg/m <sup>2</sup>
Energy loss to 25% compression	56,00%
Energy loss to 50% compression	55,00%
Energy loss to 75% compression	33,00%
Tensile strength (average)	1,75 Kg/cm <sup>2</sup>
Water absorption by immersion in 1 day (volume)	< 0,5 %
Water absorption by immersion in 48 days (volume)	< 4 %
Working temperature	-40°C ~ +70°C °C

### WARNING

Product intended for professional use.

**Ethafoam** is not watertight but it is a simple accessory for the support of the sealant.

**Ethafoam** cord withstands temperatures of up to +70 ° C. When filled with hot poured sealants, it properly protects the surface thereof.

The permanent contact with water may cause swelling volume up to 4% of the initial volume. Before applying **Ethafoam** keep the cord dry.

The information and requirements indicated in this Technical Data Sheet are based on our current knowledge

and experience and are to be considered, in any case, purely indicative. They cannot guarantee the final result of the applied product and they have to be confirmed by exhaustive practical applications; therefore the user must test the suitability of the product for the intended application and its purpose. Users must always refer to the latest version of the local technical data sheet related to the product.