

# Hyper Foam M

Self-expanding foam for filling and fastening.

Hyper Foam M polymerises on contact with moisture and air. HCFC-free propellant.



## Rating 0

Product with none of the requisites of the GreenBuilding Rating, must be used with care.

Kerakoll undertakes to improve the ratings of Rating zero materials and products.

1. High shape stability
2. High coverage
3. Excellent adhesion
4. Excellent heat and soundproofing
5. Specifications for laying
6. Ideal for reducing heat dispersal

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## Areas of application

### → Use.

Used for sealing, insulation, filling, plugging and grouting in the following applications/cases: treatment of prefabricated element assembly and installation spaces

- connections between walls and ceilings and skylights, fixing chimneys;
- fastening and sealing of doors and windows;
- bonding and fastening of panels;
- sealing of pipelines and pipes;
- sealing and insulation to prevent heat dispersal.

Excellent adhesion to concrete, masonry, wood, stone, gypsum, fibre-cement, metal, PU foams. Hyper Foam M is a high quality semi-rigid foam with closed cells. Once extruded, it expands and hardens adhering perfectly to the walls of the support.

Hyper Foam M does not adhere to polyethylene, polypropylene, silicone and Teflon.

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## Instructions for use

### → Preparation of substrates

Cover the floor with paper or plastic to protect the working area from splashes. The substrates must be clean, undamaged, free from oil and dust. Spray with water to damp the substrate. Carefully moisten the substrate to facilitate foam expansion, obtain a homogeneous surface and better adherence. Take all necessary precautions when the structures are not sufficiently resistant to the thrust of the foam.

### → Preparation

The product is ready-to-use.

### → Application

The canister temperature must be between +15 ° C and +25 ° C and the extrusion must take place at a temperature between +5 ° C and +30 ° C. Firmly shake the canister 20 times for at least 30 seconds. Open the cap and screw on the nozzle. Shake the canister frequently during use. Fill empty spaces only partially ( $\pm 30 - 40\%$ ), as the foam will continue to swell. Foam can be cut 45 minutes after application. Complete polymerization takes place 16 hours later. To fill large volumes, apply the foam in layers, taking care to damp between each coat.

### → Cleaning

Unhardened foam can be removed with Hyper Foam Clean detergent.

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## Special notes

→ Hyper Foam M can be painted over. Can be painted, covered with grout or gypsum after complete drying.

# Certificates and marks



\* Émission dans l'air intérieur Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

## Abstract

Sealing and thermal and acoustic insulation by manual application of self-expanding polyurethane foam such as Hyper Foam M from Kerakoll spa.

### Technical Data compliant with Kerakoll Quality Standard

Appearance	Stable foam
Colour	Yellow
Chemical nature	Polyurethane
Hardening system	Polymerisation on contact with moisture
Base	Polyurethane
Shelf life	≈ 12 months in the original packaging, unopened and protected against damp
Warning	Protect from frost, avoid direct exposure to sunlight and sources of heat
Pack	500 ml canister
Post-expansion	< 150%
Shrinkage	< 2%
Temperature range for application	+5 °C / +30 °C
Skinning time	≈ 8 – 12 min.
Density	≈ 23 kg/m <sup>3</sup>
Hardening time	< 16 h for a 3x5 cm seam
Cutting time	< 1 h
Coverage	one canister = approx. 18 l of foam

Values taken at +22 °C, 50% R.H. and no ventilation. Data may vary depending on specific conditions at the building site.

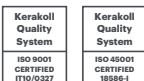
**Performance****HIGH-TECH**

Class reaction to fire	B3	DIN 4102-1
Thermal insulation	33 mW/m K	EN 12667
Compressive strength	> 1 N/cm <sup>2</sup>	
Shear strength	> 35 Kpa	
Acoustic insulation	62 dB	EN ISO 10140
Tensile strength	> 6.5 N/cm <sup>2</sup>	
Working temperature	from -50 °C to +90 °C	

Values taken at +22 °C, 50% R.H. and no ventilation. Data may vary depending on specific conditions at the building site.

## Warning

- Product for professional use
- abide by any standards and national regulations
- Use protective gloves and goggles
- Mechanically remove the hardened foam; do not burn
- do not use in closed or poorly ventilated environments
- store in a well ventilated place with a maximum temperature of +30 °C
- store the canisters in a vertical position
- if necessary, ask for the safety data sheet
- for any other issues, contact the Kerakoll Worldwide Global Service +39 0536 811 516 - [globalservice@kerakoll.com](mailto:globalservice@kerakoll.com)



The Rating classifications refer to the GreenBuilding Rating Manual 2013. This information was last updated in June 2023 (ref. GBR Data Report - 06.23); please note that additions and/or amendments may be made over time by KERAKOLL SpA; for the latest version, see [www.kerakoll.com](http://www.kerakoll.com). KERAKOLL SpA shall therefore be liable for the validity, accuracy and updating of information provided only when taken directly from its institutional website. The technical data sheet given here is based on our technical and practical knowledge. As it is not possible for us to directly check the conditions in your building yards and the execution of the work, this information represents general indications that do not bind Kerakoll in any way. Therefore, it is advisable to perform a preliminary test to verify the suitability of the product for your purposes.