

Hyper Foam Combi

Self-expanding foam for filling and fastening.

Hyper Foam Combi may be used either with a dispensing gun or manually with its application nozzle. It features low-pressure polymerisation for moderate post-expansion without deforming the materials.



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 coverage
2. Moderate post-expansion
3. Does not deform building elements
4. Excellent heat and soundproofing
5. May be used for high working temperatures up to +40 °C
6. Ideal for reducing heat dispersal

Areas of application

- Used for sealing, insulation, filling, plugging and grouting in the following applications/cases: treatment of prefabricated elements assembly and installation spaces
- connection between walls and ceilings
 - skylights, fixing chimneys
 - fixing 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 Combi 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 Combi does not adhere to polyethylene, polypropylene, silicone and Teflon.

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
Hyper Foam Combi may be used with an applicator gun to fill large areas and work with precision. To fill small areas, small volumes and when no applicator gun is available, use Hyper Foam Combi manually with the application nozzle.

- Hyper Foam Combi: use with gun.
Screw the canister onto the gun and shake

vigorously for at least 30 seconds. Empty the canister by holding it upside down and adjust the jet of foam using the gun regulating valve. Shake the canister frequently during use. Not completely emptied canisters must be kept screwed on the gun.

- Hyper Foam Combi: manual use.
Shake the spray vigorously for at least 30 seconds, screw on the application nozzle and proceed with the application. Shake the canister frequently during use.
- Foam can be cut 30 minutes after application. Complete polymerization takes place 24 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.

Special notes

- Hyper Foam Combi 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 or gun application of self-expanding polyurethane foam such as Hyper Foam Combi from Kerakoll spa.

Technical Data compliant with Kerakoll Quality Standard

Appearance	Stable foam	
Colour	light yellow	
Chemical nature	Polyurethane	
Cell structure	≈ 80% closed cell	
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	750 ml canister	
Post-expansion	< 80%	
Shrinkage	< 2%	
Permeable	< 0.06 mg/mhPa	EN 12086
Temperature range for application	+5 °C / +40 °C	
Skimming time	≈ 6 – 10 min.	
Density	≈ 12 – 16 kg/m ³	
Hardening time	< 8 hrs for a 3x5 cm seam at +23 °C	
Cutting time	30 min.	
Coverage	one canister = approx. 55 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.

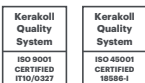
Performance**HIGH-TECH**

Class reaction to fire	B3	DIN 4102-1
Thermal insulation	33 mW/m K	EN 12667
Compressive strength	> 2.5 KPa	
Acoustic insulation	62 dB	EN ISO 10140
Tensile strength	≈ 8.5 N/cm ²	
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



The Rating classifications refer to the GreenBuilding Rating Manual 2013. This information was last updated in May 2023 (ref. GBR Data Report - 05.23); please note that additions and/or amendments to this information may be made over time by KERAKOLL Spa; for the latest version, see 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.