

Resyfoam Combi

Polyurethane expanding foam. Polyurethane foam, may be used either with an applicator gun or manually with its application nozzle. Low-pressure polymerisation for moderate post-expansion without deforming the materials.



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

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.

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 fixing of insulation panels
 - passage of pipes and tubes in walls

Excellent adhesion to concrete, masonry, wood, stone, gypsum, fibre-cement, metal, PU foams. Resyfoam Combi does not adhere to polyethylene, polypropylene, silicone and Teflon.

Instructions for use

- **Substrate preparation**
Cover the floor with paper or plastic to protect the working area from any splattering. 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. Substrates must be clean and degreased.
- **Application**
Resyfoam 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 Resyfoam Combi manually with the application nozzle.
Resyfoam Combi: for use with applicator 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. Clean the gun with Resynet cleansing foam.

Resyfoam Combi for 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. Unhardened foam can be removed with Resynet cleaner or with acetone.

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).

Technical Data compliant with Kerakoll Quality Standard

Colour	Yellow
BASE	Polyurethane
Consistency	Stable foam
Hardening system	Polymerisation
Skinning time	≈ 6 – 10 min.
Density	≈ 12 – 16 kg/m ³
Hardening time	< 8 hrs for a 3x5 cm seam at +23 °C
Coverage	one canister = approx. 55 l of foam
Post-expansion	< 80%
Cell structure	≈ 70% to 80% closed cell
Application temperature range	-50 °C / +90 °C
Application temperature	+5 °C / +40 °C
Shelf life	≈ 12 months in the original packaging, unopened and protected against damp
Shrinkage	≈ 5%
Packaging:	cylinder 750 ml

Performance**HIGH-TECH**

Fire classification	B3	DIN 4102
Insulation factor	33 mW/m K	EN 12667
Compressive strength	≈ 2,5 N/cm ²	TM 1011
Flexural strength	≈ 2,5 N/cm ²	TM1018
Sound reduction index	62 dB	EN ISO 10140
Water absorption	<0,06 mg/(mhPa)	EN 12086

Warning

- Product for professional use
- use protective gloves and goggles
- comply with the usual occupational hygiene measures
- 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 +35 °c
- store the bottles vertically
- see the product safety data sheet
- for any other issues, contact the Kerakoll Worldwide Global Service +33 (0) 4 72 89 06 80 - globalservice@kerakoll.com

The Rating classifications refer to the GreenBuilding Rating Manual 2013. This information was last updated in June 2024 (ref. GBR Data Report - 06.24); please note that additions and/or amendments 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 site 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.