

Resyfoam®

Polyurethane expanding foam

Polyurethane expanding foam. Polymerisation in contact with moisture and air. HCFC-free propellant.



GREENBUILDING RATING®

Resyfoam®

- Category: Special products
- Polyurethane foams



RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

PRODUCT STRENGTHS

- High shape stability
- High coverage
- Excellent adhesion to any support, except from PE/PP
- Excellent heat and soundproofing
- Specifications for laying

AREAS OF USE

Use

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® 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. Take all necessary precautions when the structures are not sufficiently resistant to the thrust of the foam. Substrates must be clean and degreased.

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.

Resyfoam® MTS: multi-directional manual canister with applicator hose

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.

Resyfoam® P: canister 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.

Fill empty spaces only partially ($\pm 30 - 40\%$), as the foam will continue to swell. Foam can be cut 90 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.

* 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
Skimming time	≈ 10 min.
Density	≈ 25 kg/m ³
Hardening time	90 minutes for a 30 mm seam
Coverage	one aerosol = approx. 30 l of foam
Post-expansion	≈ 3%
Cell structure	≈ 70% to 80% closed cell
Water absorption	1% of the volume
Application temperature range	-40 °C / +90 °C
Application temperature	+10 °C / +30 °C
Shelf life	≈ 12 months in the original packaging, unopened and protected against damp
Shrinkage	≈ 5%
Packaging:	
- Resyfoam® MTS	700 ml manual canister – 12 pieces per carton/pack
- Resyfoam® P	700 ml foam for use with gun – 12 pieces per carton/pack

PERFORMANCE

HIGH-TECH		
Fire classification	B3	DIN 4102
Insulation factor	35 mW/m K	DIN 53423
Compressive strength	≈ 2 N/cm ²	DIN 53421
Flexural strength	≈ 7 N/cm ²	DIN 53427
Shear strength	≈ 17 N/cm ²	DIN 53427

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 +30 °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 July 2019 (ref. GBR Data Report - 07.19); 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 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.