



Product

Seal-it® 477 PU-FIXFOAM is a durable, ready-mixed PU adhesive specially developed for the indoor and outdoor adhering/installing of acoustic and insulation panel materials and other plates and panels that moisture-cures to a strong seal.

Applications

- ⇒ Developed specifically for adhering and installing acoustic and insulation panel materials.
- ⇒ Suitable for adhering and installing various types of finishing and other plates and panels.
- ⇒ Perfect for sealing joints between insulation materials and window and door frames.

Colour: crème

Packaging: 12 canisters (750ml)

Properties

- ✓ Ready-mixed and fast-curing adhesive and installation system.
- ✓ For indoor and outdoor use.
- ✓ Adheres, installs, fills (foams up slightly) and seals.
- ✓ Generates strong adhesion on numerous surfaces, including masonry and plasterwork, concrete, plasterboard, rockwool, wood, metal, EPS, EPS-P, XPS, PUR and PIR.
- ✓ Fire class B2 according to DIN 4102-1.
- ✓ Very low emission: certified according to VOC emission class A+.
- ✓ User-friendly, fast, easy, dust-free and zero-energy application that requires no cleaning.
- ✓ High thermal and acoustic insulation value.
- ✓ Efficient, very low/economical adhesive use when used with the Seal-it® PUR gun.
- ✓ Excellent resistance to hot and cold conditions, water and numerous chemicals.
- ✓ Long-lasting resistance to weather, moisture, water and ageing; does not rot

Technical product data

Property	Value
Base	Polyurethane
Propellent gas	(H) CFK free
Application temperature	-5°C to +30°C
Adhesive free (+23°C, 50% RH)	5-10 minutes
Cutttable (+23°C, 50% RH)	30-35 minutes
Temperature resistance	-50°C to +90°C
Tensile strength	>47 kPa
Adhesive strength	0,12 MPa
Coefficient of heat conductivity	34 mW/m.K
Shelf life	In unopened original packaging, stored in a cool dry place with canister upright, between +5°C and +25°C, the product will last up to 12 months after the production date.

Application conditions

- ✓ Before use, grease the threading of the gun adapter with Vaseline, PTFE and/or silicone spray to prevent the canister from sticking to the PUR gun.
- ✓ After attaching the canister to the gun, the spray speed and output volume can be adjusted using the setscrew on the back of the gun in order to ensure efficient/economic use.
- ✓ After use, tighten the setscrew on the PUR gun to prevent activation of the gun.
- ✓ Always leave the canister in the PUR gun until completely empty.
- ✓ Remove the empty canister by holding in the trigger while unscrewing it in order to expel any remaining propellant gas.
- ✓ Attach a full canister to the PUR gun directly and/or clean the PUR gun thoroughly using Seal-it® 450 PUR CLEANER.

477 PU-FIXFOAM

Application conditions

- ✓ If the PUR gun is not working or not working properly, put Seal-it® 450 PUR CLEANER on the gun, spray through several times and let it set well for approx. 15 min. Spray through again and then remove the Seal-it® 450 PUR CLEANER canister.
- ✓ Application temperature (ambient and surface) between -5°C and +30°C.
- ✓ On compatible, stable, clean, uncontaminated and grease-free surfaces.
- ✓ If necessary, lightly pre-moisten the surface with water, for example, by using a plant sprayer.
- ✓ Use a suitable brush to remove any loose particles from the surface.
- ✓ Degrease the surface properly using Seal-it® 510 CLEANER.
- ✓ Give the canister approx. 20 good shakes before use.
- ✓ Cut off fully cured excess Seal-it® 477 PU-FIXFOAM with a knife and/or trowel.

Cleaning

Use Seal-it® 450 PUR CLEANER to remove fresh/uncured spilled Seal-it® 477 PU-FIXFOAM immediately from surfaces and tools. Clean hands/skin with Seal-it® 515 ULTRA-WIPES. Once cured, Seal-it® 477 PU-FIXFOAM must be removed mechanically.

Limitations & recommendations

Not suitable for underwater applications, joint sealing or filling of large enclosed spaces/holes lacking adequate humidity. Not suitable for PE, PP, PC, PMMA, PTFE, silicone, soft plastic, neoprene or bituminous surfaces. Use a suitable cover film to protect surrounding surfaces from spilled adhesive residues. We recommend testing adhesion and material compatibility in advance.

Health and safety

Avoid long-term contact with skin. If uncured material gets in your eyes, rinse out thoroughly with plenty of water and consult a physician. Wear safety goggles, gloves and suitable work attire. Only process in well ventilated spaces. Do not smoke or use the product in the vicinity of an open flame. Store Seal-it® 477 PU-FIXFOAM in a safe place outside of the reach of children. The product safety data sheet is available on request.

Certifications

VOC-emission class A+

General information

The information contained in this document is provided in good faith and is believed to be correct. However, we have no influence on the conditions in which these products are used or the methods by which they are used. Therefore, this information is not a substitute for tests which the customer must perform himself/herself in order to ensure that the products are safe, effective and achieve the intended purposes. Suggestions regarding the use of the product must not be used as grounds for infringement of any patent whatsoever. The only guarantee Castelein Sealants offers is that this product complies with the Castelein Sealants terms and conditions of sale in force at the time of shipment. Your only remedy in the event of a breach of this guarantee is the refund of the purchase price or the replacement of the product that does not comply with the guarantee.

Technical data of supplier: 2017 09

The producer reserves the right to make changes. 2020 04 01