

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.

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.



Standard product line

Colour	12 x 750ml canister
Crème	SI-477-0000-750

Other packaging on request.

Technical product data

Base	POLYURETHANE		
Propellant gas	(H)CFC-free		
Application temperature	°C	-5 to +30	
Adhesive-free	Min.	+23°C, 50% RH	5-10
Cutable	Min.	+23°C, 50% RH	30-35
Temp. resistance	°C	-50 to +90	
Tensile strength	kPa	>47	
Adhesive strength	MPa	0.12	
Coefficient of heat conductivity	mW/m.K.	34	

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 15 months after the production date.

Application conditions

- 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.
- 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.
- 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.



Temperature resistance

- -50°C to +90°C

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 & 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.

Warranty & liability

Connect Products BV guarantees that its product will meet the specifications during its shelf life. Liability shall never exceed that stipulated in our terms and conditions of sale and supply. Under no circumstances shall the seller be held liable for any consequential damages. The information provided is the result of our testing and experience and is general in nature. However, it does not entail any liability. Users are responsible for performing their own tests to determine whether the product is suitable for the application.

Certifications

VOC emission class A+

