

Description

Seal-it® 520 PRIMER is a high-quality, extra-durable adhesive primer for sealants and adhesives that is specially developed for porous surfaces/materials and that moisture-cures into a durable membrane.

Applications

- Specially developed as a durable adhesion promoter for porous surfaces, such as masonry, stucco, cellular and aerated concrete, natural stone, sand-lime brick, untreated wood, gypsum blocks and other absorbent materials.
- As a waterproof and moisture-proof primer for lasting protection of surfaces from moisture and water loads, to guarantee a strong and lasting bond/adhesion.
- Completely seal porous surfaces off from surface absorption.
- Can be used with sealants and adhesives based on silicone, hybrid polymer and MS-polymer® and polyurethane.



Properties

- Forms a highly durable, non-porous membrane to protect from moisture and water loads.
- Stops surface absorption and ensures excellent bonding.
- Secures hard-to-remove dust particles to the bonding surface.
- Easy to apply with a brush or roller.
- Fast-drying, ready-made 1-part primer that retains its transparency.
- Excellent resistance to UV, weather, water, moisture and ageing.
- UN-approved packaging, fitted with safety seal.

Standard product line

Colour	250ml can	1000ml can
Transparent	SI-520-000-0250	SI-520-000-1000

Other packaging on request.

Technical product data

Base			XYL
Dry matter content	%		30
Density	g/ml		1.02
Drying time	Min.	23°C/55% RH	60
Open time	Hours	23°C/55% RH	4
Viscosity	mPas		75-100
Consumption	ml/m ²		100-250

Shelf life

In unopened original packaging, stored upright in a cool dry place, between +5°C and +25°C, the product will last 12 months after the production date.

Application conditions

- Application temperature (ambient and surface) between +5°C and +35°C.
- Before use, shake and/or mix Seal-it® 520 PRIMER well so it does not form a homogeneous mass.
- Use a hard brush to remove any loose particles from bonding surfaces or other surfaces before applying Seal-it® 520 PRIMER.
- Bonding surfaces and other surfaces must be dry, clean, uncontaminated, grease-free, dust-free, compatible and stable.
- First use Seal-it® 510 CLEANER to degrease/clean greasy or contaminated surfaces properly before applying Seal-it® 520 PRIMER.
- Use a suitable brush or roller to apply Seal-it® 520 PRIMER evenly and not too thickly.
- If the sealant is not applied within the maximum drying time, you must sand off the old coat of primer and then reprime.
- After use, close the canister as quickly as possible, so the Seal-it® 520 PRIMER does not harden.

Limitations & recommendations

Not suitable for continuous underwater applications. Not suitable for PE, PC, PMMA, PP, PTFE, soft plastic, neoprene or bituminous surfaces. Always test surface for adhesion in advance. It is recommended to tape off the surrounding joint edges to protect from spilled/excess primer. Seal-it® 520 PRIMER may discolour over time. Apply in spaces with adequate humidity.



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. Store Seal-it® 520 PRIMER in a closed container in a safe place outside of the reach of children. Do not smoke or use the product in the vicinity of an open flame. Use under good ventilation conditions/in well ventilated spaces. Do not smoke or use the product in the vicinity of an open flame. Wear gloves, safety goggles and suitable work attire. 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.

