



## Product

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.

**Colour:** Colourless/transparant

**Packaging :** can (250 and 1.000 ml)

## 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.

## 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.

## Technical product data

Property	Value + unit
Base	XYL
Dry matter content	30%
Density	1,02 g/ml
Drying time (23°C/55% RH)	60 minutes
Open time (23°C/55% RH)	4 hours
Viscosity	75-100 mPas
Consumption	100-250 ml/m <sup>2</sup>
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.

## 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 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. 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.

## 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 05

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