

weber.prim PU

Silane based, single component substrate conditioner primer for general purpose

Technical Data Sheet
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■ Description

Silane based, single component substrate conditioner primer for polymer materials, top coats, joint sealants and substrate coating materials.

■ Advantages

- Does not form a film layer
- Perfect surface conditioning on concrete, wood and fiberglass
- Enhances adhesion chemically
- Suitable for use on newly cut joints
- Transparent, non-staining formula
- Short application time saves workforce and time

■ Application areas

Used as surface conditioner primer for joint sealants on newly cut concrete joints; before coatings on concrete, wood and fiberglass. Reacts both with the substrate and the applied material and chemically strengthens adhesion.



■ Application substrates

Interiors and exteriors;

- Concrete,
- Wood,
- Fiberglass,
- Asphalt,

Please consult us for all other application substrates.

■ Preparation of substrates

- The substrate should be clean, dry and sound.
- Surface must be free from loose materials, oil, grease, paint and the concrete must be dry. Contaminants stuck on the surface must be removed by sandblasting or mechanical abrading.
- Contaminants penetrated into concrete should be wiped using appropriate chemicals; then should be cleaned with detergent and water.

■ Application conditions

- Ambient temperature between +5°C and +30°C.
- Avoid application under strong wind or direct sunlight.
- Should not be used on frozen or melting substrates, or substrates with the risk of frost within 24 hours.

■ Consumption

0.03-0.05 kg/m (depending on application conditions)

■ Application

- Sufficient amount of **weber.prim PU** is taken to the application container and it is continuously applied on the surface using a brush or roller.
- Should be applied in one or two coats depending on the substrate conditions, texture and pore structure.
- It is enough to get a wet look on the substrate using the material.
- When used for joints, **weber.prim PU** must be applied on the joint before the backer rod is placed inside. Otherwise it can damage the backer rod since it contains high amount of solvent.
- All tools used should be cleaned with solvent right after the application.

■ Application tools

Brush, roller

■ Points of attention

- **weber.prim PU** should be applied on the joint before the backer rod is placed inside.
- **weber.prim PU** does not leave any marks when cured; it does not form a visible film layer like other primer types. So special care should be taken during application.
- **weber.prim PU** should not be applied at temperatures colder than 5°C.
- Since it contains high amount of solvent, it must not be considered for cleaning purposes. Avoid contact with skin.

■ Technical specifications

PRODUCT	weber.prim PU
Base polymer	Silane
Solvent	Toluen
Density	0,87±0,05 g/cm ³
Application thickness	Nano level
Colour	Transparent
Curing time (min.)	15 minutes
Curing time (max.)	24 hours

■ Storage

Packaging	2,5 kg metal bucket
Colour	Transparent
Shelf Life	<ul style="list-style-type: none">• 1 year from date of manufacture when stored unopened and undamaged, between +5°C and +30°C, in a dry, moisture-free environment.• Should be kept indoors.• Packages should be kept tightly closed when not in use.• Packages should be protected against frost.

■ Safety precautions

- Use appropriate safety equipment (mask, gloves, glasses).
- Protect your eyes/face.
- Avoid direct contact with eyes and skin.
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention.
- Please read Material Safety Data Sheet (MSDS) for further safety information.

LEGAL DISCLAIMER

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The stated times apply for 20°C substrate and ambient temperature; increase at lower temperatures and decrease at higher temperatures.

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