



PRIMER PU-W

ONE-COMPONENT ACRYLIC-POLYURETHANE WATER-BASED PRIMER FOR POROUS SUBSTRATES



DESCRIPTION

PRIMER PU-W is a one-component acrylic-polyurethane resin primer, transparent, in aqueous solution. It is a low-viscosity, moisture-curing primer used as a consolidating and adhesion-promoting treatment for porous substrates such as concrete and mineral surfaces. Suitable also for synthetic surfaces.

FIELDS OF APPLICATION

- Consolidation of concrete surfaces;
- Adhesion promoter for porous substrates;
- Adhesion promoter for synthetic surfaces;
- Adhesion promoter for cement renders;
- Bonding primer for polyurethane products;
- Bonding primer for acrylic products;
- Sealing and protection of cement;

PRODUCT DATAS

Base	Water
Catalysis ratio	-
Mixing ratio	-
Composition	Acrylic-polyurethane resins
Appearance	Viscous liquid
Specific gravity	0.98 kg/l
Solid content	-
Dilution	-
Pot Life	3 h

CONSUMPTION

0.15-0.20 kg/m² (single coat). Actual consumption depends on substrate porosity, temperature, humidity and application method.

COLOUR

- Transparent.

PACKAGING

- 1.0 l containers
- 5.0 l containers
- 20.0 l containers
- 200.0 l containers
- 1000.0 l containers

Date 15/10/2025



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APPLICATION

SUBSTRATE PREPARATION

The substrate must be perfectly dry, clean, cohesive and free from contaminants such as dust, oils, paints, moss, vegetation and salt efflorescence. Substrate moisture must not exceed 5%. Use a digital or carbide hygrometer to verify humidity.

COMPATIBLE SUBSTRATES

- Porous substrates;
- Concrete;
- Smooth concrete;
- Industrial flooring;
- Cement renders;
- Synthetic surfaces;
- Wood substrates;

COMPATIBLE PRODUCTS

- Carboshield
- Easy Proof
- Ecover W
- Hypercoat
- Poliver W
- B Flex W
- Raincoat

PRODUCT PREPARATION

Temperature

+5°C / 50% R.H.
+10°C / 50% R.H.
+20°C / 50% R.H.
+30°C / 50% R.H.

Waiting time

9 h
6 h
3 h
2 h

CLEANING EQUIPMENT

Clean tools immediately after use with water. Hardened product can only be removed mechanically.

STORAGE

Store in original unopened packaging, in a dry place away from heat sources, between +5°C and +25°C, for up to 12 months.

STORAGE

- Do not dilute the product;
- Do not apply below +5°C;
- Do not apply on surfaces with dew;
- Do not apply on damp substrates (residual moisture > 5% or rising damp);
- Do not apply if rain is expected;
- Do not apply in fog or mist;

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HEALTH AND SAFETY

Refer to the latest Safety Data Sheet for instructions on handling, storage and disposal. Do not release product or empty containers into the environment.

For PROFESSIONAL USE ONLY.

LEGAL NOTICE

The information and recommendations given above, although they correspond to our best experience, must in any case be considered purely indicative and must be confirmed by exhaustive practical applications. Therefore, before using the product, anyone who intends to make use of it must determine whether it is or is not suitable for the intended application and, in any case, assumes all responsibility that may arise from its use. Always refer to the latest updated version of the technical data sheet, available on the website btechitalia.eu.

Date 15/10/2025