



Primers

PRIMER PU 900

Technical Data Sheet

Reviewed: 06.09.2019



DESCRIPTION

PRIMER PU 900 is a transparent, solvent based, deep penetrating, fast curing, one-component polyurethane primer suitable for preparation, protection and strengthening of concrete and other building surfaces. Penetrates deep on the substrate and offers excellent anchoring for polyurethane and elastomeric sealants. Cures by reaction with ground and air moisture, it is highly elastic and highly resistant to water and frost.

ADVANTAGES

- Excellent adhesion on porous surfaces
- Substrate strengthening
- Interior and exterior use
- Easy to apply
- Fast and clean application

APPLICATIONS

- Priming roofs prior to the application of polyurethane membrane PU FLEX 1000.
- Priming floor joints prior to the application of polyurethane sealants BOND FLEX Mercola.
- Priming construction joints prior to the application of polyurethane sealants BOND FLEX or MEGASIL silicone.
- Priming concrete floors prior to the application of polyurethane wooden parquet adhesive TEMPO PU PARQUET 1K.
- **PRIMER PU 900** may be applied on concrete, cement, plaster, stone, marble, bricks, wood, cementboard, plasterboard etc.
- Priming of glazed surfaces such as ceramic tiles with spreading silica sand over the **PRIMER PU 900**.

METHOD OF APPLICATION

Surface preparation

1. Surfaces should be clean, dry and free from any oily residues.
2. Remove any loose materials with a wire brush.
3. New concrete structures must be completely dry (at least 28 days).

Application

1. Mix material well before application.
2. Apply uniformly with a roller or brush, diluted 10% -50% with polyurethane solvent DIL X100, depending on the substrate, so that deep penetration is achieved
3. For floors – screeds that rub easily apply two coats of PRIMER PU 900. The first coat diluted 30 - 40% with DIL X100 and a second undiluted or with minimum dilution depending on surface porosity.
4. Allow 3 – 8 hours between recoating but no more than 12 hours in order to achieve bridging of the two layers.
5. Top coat may be applied after 2-3 hours depending on ambient temperature.

CLEANING

Clean tools with DIL X100

REMARK

Can be applied with slight moisture.

CONSUMPTION

Priming of surfaces 3 – 7 m²/Lt, priming of joints 40-50 m/Lt depending on substrate absorption.

TECHNICAL DATA

Form: Slightly viscous liquid

Color: Translucent brown

Odour: Characteristic aromatic

Specific gravity: 0,89 ± 0, 02 gr /ml

Curing: Dries completely in 24 hours

Solubility: Polyurethane solvent DIL X100

Durability: High scrub resistance

Flammability: Flammable

Drying time: 2 – 3 hours

Application temperature: +5°C -+35°C

VOC (Volatile Organic Compounds): (Directive 2004/42/CE) EU maximum VOC content limit values for this product [category A/h(SB): «Binding primers»]: 750 gr/lit (2010). This product contains maximum 740 gr/lit VOCs (ready for use).

STORAGE

Products should be stored in a dry and cool place at a temperature of 5^o-35^oC, away from sources of ignition. Protect from humidity and direct sunlight.

SHELF LIFE

12 months from the production date in the above mentioned storage conditions. The product should remain in the original unopened packaging bearing the manufacturer's batch number.

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PACKAGING

250ml, 1Lt , 5lt

PACKAGING	CODE	BARCODE
Tin 250ml	5064	5204094050643
Tin 1Lt	05062	5204094050629
Tin 5Lt	05063	5204094050636

HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION



Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled Carc. 2: H351 - Suspected of causing cancer Eye Irrit. 2: H319 - Causes serious eye irritation Flam. Liq. 3: H226 - Flammable liquid and vapour Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled Skin Irrit. 2: H315 - Causes skin irritation Skin Sens. 1: H317 - May cause an allergic skin reaction STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure STOT SE 3: H335 - May cause respiratory irritation P101: If medical advice is needed, have product container or label at hand P102: Keep out of reach of children P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking P264: Wash thoroughly after handling P280: Wear protective gloves/protective clothing/eye protection/face protection P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P370+P378: In case of fire: Use ABC powder extinguisher to extinguish. P501: Dispose of contents and / or their container according to the separated collection system used in your municipality EUH204: Contains isocyanates. May produce an allergic reaction Substances that contribute to the classification: Xylene; 4,4'-methylenediphenyl diisocyanate, isomers and homologues; Toluene Diisocyanate Persons already sensitised to diisocyanates may develop allergic reactions when using this product. Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

The directives contained in this technical data sheet are the result of our long experience from real life applications and the research testing of our research and development laboratory and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications, which are beyond our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments. We are liable only for our products for being free from faults and of consistent quality. Users are responsible for complying with local legislation and for obtaining any required approvals or authorizations. The present edition of this technical datasheet automatically cancels any previous ones concerning the same product.



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