

## TECHNICAL DATA SHEET

**PENOSIL Primer All Surfaces 488**

## Multipurpose primer

PENOSIL Primer All Surfaces 488 is a diluted solution of reactive silane coupling agents in a mixture of solvents. It is a one-component product, requiring no mixing and is supplied ready-to-use. It is utilized to help promote adhesion in substrates that are exceptionally difficult to bond to, in the use of silicone/silanized sealants.

**Main benefits**

- One-component, no mixing
- It dries to a uniform transparent film
- Surface activator, improves adhesion on many substrates
- Quick drying at room temperature
- Non-corrosive
- Simple handling
- Low processing cost

**Fields of application**

- Specially designed to enhance adhesion in non-porous substrates as metals (such as lacquered/painted aluminium, cooper, steel, stainless steel, galvanized metals, ...), unglazed ceramics, wood and most plastics.

**Technical data**

Properties	Value	Unit
Density	ca. 0,85	g/ml
Flash point	+15	°C
Drying time	ca. 20	min

The parameters indicated have been measured at +23 °C and 50% relative air humidity.

**Application instructions****Application conditions**

Air temperature during use +5 °C to +30 °C.

**Colour**

Colourless.

**Package**

100 ml can, 30 pcs in a box.  
1 l can, 6 pcs in a box.

**Storage conditions and shelf life**

Guaranteed storage time 12 months starting from the date of manufacture if stored in a closed original package in a dry place between +5 °C and +30 °C.

# PENOSIL Primer All Surfaces 488

## Surface preparation

Substrates must be thoroughly clean and free of dust, grease and other contaminant which may affect the adhesion. The surfaces should be cleaned and degreased with alcohol or mineral spirits, and then dry properly.

## Application method

After substrate preparation apply a thin uniform primer coating by wiping, brushing or dipping.

Do not return unused primer to the original container.

Avoid multiple applications. A thin uniform film of primer is more effective and usually provides the strongest bond.

Leave primed surfaces to dry and cure for at least 20 minutes at room temperature.

Apply the sealant/adhesive as soon as possible after the primer has dried. Primer will lose their effectiveness if left for more than 24 hours.

## Limitations

- Containers should be kept tightly closed when the product is not been used.
- Due to the large variety of substrates, a thorough previous testing for adhesion is always recommended.

## Safety regulations

Always handle and use in well-ventilated areas away from any potential sources of ignition. Adequate ventilation should be provided to remove the solvents during the air-drying operation. Keep out of the reach of children. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with water and seek medical advice.

Detailed safety information is available on safety data sheet (SDS).

Note: The instructions in the present documentation are based on tests carried out by the manufacturer and are presented in good faith. Due to variations in materials and substrates as well as the various application possibilities that are beyond our control, the manufacturer is not liable for the results achieved. In any case, it is recommended to test the product suitability at the place of application. Manufacturer reserves the right to modify products without prior notice. This TDS replaces and supersedes all previous data sheets on the same product.

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