

NuCoteTM PU Sealer Polyurethane Emulsion Sealer

PRODUCT DESCRIPTION

NuCote PU Sealer is a single component, high performance, water dispersed polyurethane emulsion sealer. The product is designed to provide abrasion resistance, weathering resistance and a resistance to a wide range of chemicals. Once cured the product provides a hygienic gloss or matt finish that is easy to clean and maintain. It is supplied as a ready-to-use white liquid. It is recommended for use as a topcoat UV resistant sealer for decorative overlayment screeds and wood.

ADVANTAGES

- Adhesion to concrete, wood and cementitious screeds.
- Excellent water resistance after film formation.
- Colour stable
- Easy to clean
- Chemical resistance
- Excellent abrasion resistance
- Excellent scratch resistance.
- Easy to use and no restrictive pot life.

TECHNICAL DATA

DESCRIPTION	RESULTS
Specific Gravity	1.01
Drying Times	1 – 2hrs
Volume Solids	30 %
Recoat window	4 – 24 hrs
Foot Traffic	4 – 6 hrs
Application Temperature	25°C

Note: The above results were obtained under laboratory conditions.

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PRINCIPLE USES

NuCote PU Sealer is designed for use as an anti-scratch sealer for decorative cementitious screed, renders, plasters, and wood substrates. It can also be used as a dust proofer for masonry and concrete surfaces, as a sealer for walkways and pool decks and as a protective topcoat for decorative resin floors. Once cured it forms a film that seals the substrate and improves abrasion resistance.

TECHNICAL SUPPORT

NuCote offers good quality flooring, jointing and repair products for both new and existing concrete and cementitious substrates. **NuCote** whenever required is well positioned and capacitated to offer technical support to specifiers (architecture), end-users (contractors) and on-site during installation.

PACKAGING

NuCote PU Sealer is available in 25 Litre and 5 Litre containers.

COVERAGE

Coverage of NuCote PU Sealer is $\pm 8 - 10 \text{ m}^2/\text{litre}$, depending on the porosity of the substrate.

STORAGE AND STABILITY

NuCote PU Sealer has a shelf life of 6 months from date of delivery when stored in sealed containers in a cool environment, preferably above 15°C and below 25°C . Failure to do so will result in a reduction of shelf life.

SURFACE PREPARATION

Surfaces should be free of loose particles, scaling, and flaking material. Wire-brush the surface if necessary.

APPLICATION

Application of **NuCote PU Sealer** is carried out after the existing floor has been prepared and cleaned. The product is supplied ready-to-use and is applied by brush or roller. For the majority of applications, two coats of **NuCote PU Sealer** are required.

The second coat of **NuCote PU Sealer** can only be carried out when the first coat is dry. If the surface is porous, it might be necessary to apply a third coat. **NuCote PU Sealer** must be brushed into the surface. During application, the area must be well ventilated to speed up the drying time of the applied sealer.

HEALTH AND SAFETY INFORMATION

Although **NuCote PU Sealer** is considered practically non-toxic, the usual precautions for working with chemicals should be observed. Suitable gloves and eye protection should be worn at all times.

In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice. If inhaled move to fresh air. Consult a physician after significant exposure. If swallowed, clean mouth with water and drink afterwards plenty of water. Do not induce vomiting without medical advice. In case of skin contact, take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician when in contact with existing open wounds.

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent **Material Safety Data Sheet** containing physical, ecological, toxicological, and other safety-related data.

The Material Safety Data applicable to the handling of urethane raw materials should be read, understood, and rigidly adhered to. These are available on request from **NuCote**.

In accordance with ISO 9001:2015 and the Occupational Health and Safety Act (Act 85 of 1993), herewith Product and Safety Data Sheet.

We hereby confirm that we have received a Product and Safety Data Sheet for **NuCote™ PU Sealer** system and are returning the obsolete copies.

COMPANY NAME:

SIGNATURE:

NAME:

DATE:

CAUTION

The information contained in this bulletin is to the best of our knowledge true and accurate but any recommendations or suggestions, which may be made, are without guarantee since the conditions of use are beyond our control. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use.