

## NuCote NuCem Primer Primer for Cement-Based Screeds

### PRODUCT DESCRIPTION

**NuCote NuCem Primer** is a single component, water-based styrene-acrylic emulsion designed to achieve specific performance specifications. It is supplied as a ready-to-use white liquid. It is recommended as a primer for use on cementitious substrates before applying cementitious flooring systems.

### ADVANTAGES

- Improves adhesion to concrete and cementitious screeds.
- Excellent water resistance after film formation.
- Easy to use and no restrictive pot life.

### APPLICATION AREAS

**NuCote NuCem Primer** is designed specifically for use in the building industry as a primer on concrete and cementitious substrates. Once cured it forms a film and seals the substrate to prevent outgassing and improves adhesion to the concrete substrate.

### TECHNICAL DATA

DESCRIPTION	RESULTS
Specific Gravity	1.01
Drying Times	1 - 2 Hours
Maximum Recoat Time	8 -12 Hours
Maximum Overlay Time	5 Hours
Minimum Application Temp	15°C
Coverage (m <sup>2</sup> )	10 m <sup>2</sup> /litre (Depending on the porosity of the substrate.)

Note: The above results were obtained under laboratory conditions.

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## 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 NuCem Primer** is available in 5 Litre containers.

## STORAGE AND STABILITY

**NuCote NuCem Primer** has a shelf life of 6 months from date of delivery when stored in sealed containers in a cool environment, preferably above 10°C and below 30°C. Do not allow to freeze.

Failure to do so will result in a reduction of shelf life

## SURFACE PREPARATION

Surfaces should be free of dust, loose particles, scaling and flaking material. Wire-brush and vacuum the surface clean. It is recommended that the substrate is sound, not friable, has a minimum compressive strength of 25 MPa, tensile adhesive strength of 1.5 mPa and a moisture content of less than 5 %.

## APPLICATION

The first primer application using **NuCote NuCem Primer** is carried out after the existing floor has been prepared and cleansed. The product is supplied ready-to-use and is applied onto the floor by brush, roller, or broom. For most applications, two coats of primer are required, depending on the substrate.

The second coat of primer 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. The primer must be brushed into the surface. During application the area must be well-ventilated to speed up the drying time of the applied primer. The placement of the cementitious screed can commence whenever the primer is dry. The primer is dry.

## DISCLAIMER

These products are sold according to our standard terms and conditions of sale which is available on request and may not be overridden by any other legal documentation. Whilst the information contained herein is true, accurate and represents our best knowledge, the user must contact **NuCote** immediately should any complications occur. Site conditions, labour and application issues are out of our control and the contractor holds this liability.

Figures for consumption are estimates and theoretical and do not allow for wastage, surface profiles that are not up to standard, porosity, variations in levels etc.

## HEALTH AND SAFETY INFORMATION

Although NuCote NuCem Primer is considered practically non-toxic, the usual precautions for working with chemicals should be observed. Suitable gloves and eye protection should be always worn. Should the product come into contact with the eyes, wash immediately and seek medical advice.

In case of contact with 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 NuCem Primer** system and are returning the obsolete copies.

<b>COMPANY NAME:</b>	
<b>SIGNATURE:</b>	
<b>NAME:</b>	
<b>DATE:</b>	

## 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.