

Nucem Emulsion Primer

Bonding Coat Polymer

Description

A single component ready to use acrylic primer designed to improve the adhesion of the Nucem repair compound range to concrete surfaces. The product may be used to bond cementitious renders and screeds, seal hairline cracks and to consolidate hollow floor screeds. Nucem Emulsion Primer can also be used to improve the bond of paving setts to our Hispec Paving system. Economical in use and easy to use Nucem Emulsion Primer is a cost effective high performance primer.

Advantages

- Long usable life.
- Excellent bond strength to concrete.
- Suitable for both wet and dry substrates.
- Easy to apply by either brush or roller.

Technical Information

Resin	Acrylic emulsion
S.G.	1.0
Solids content	38%
Coverage	5 - 8m ² per litre
Bond Strength (Independently assessed by Taywood Testing)	>2.0 N/mm ² Bond stronger than the substrate and the repair material.

Surface Preparation

The substrate must be clean and sound hence all grease, oil, paint and laitance must be removed. Grit blasting, steam cleaning or water jetting are preferred methods. If the surface has been contaminated with moss or lichen then the surface should be treated with Nufins *Fungicidal Wash*. Edges of repairs should always be cut square to avoid feather-edging.

For sealing cracks and consolidating hollow floors the crack and surrounding area must be clean and dry, free from oil and other contamination.

Mixing

Nucem Emulsion primer is supplied ready to use.

Application Instructions

The prepared surface should be first saturated with water and any excess removed before brushing on the Nucem Emulsion Primer. The Nucem repair mortar or screed should then be applied over the primer once it has become tacky (when it turns clear). If the primer dries before the repair material is placed then re-prime the remaining area.

Fine hairline cracks on horizontal surfaces are best treated by isolating the area with dams formed from putty, mastic or tape. For vertical cracks we recommend the use of Epicon Crack Injection.

When consolidating hollow floors where there are no obvious cracks the best results are achieved by drilling holes through the floor, taking care to remove any dust, and forming wells around the holes to ease application.

Clean all equipment immediately after use with cold water.

Packaging

Nucem Emulsion Primer is supplied in 5 Litre and 25 Litre units.

Storage

Nucem Emulsion Primer has a shelf life of 12 months when stored unopened at moderate temperatures. Protect from frost.

Health & Safety

Product Safety Data Sheets (SDS) are available from Nufins. SDS sheets are provided to help customers satisfy their safe handling, use and disposal needs as well as assist with any conformance requirements made locally by health and safety regulations.

SDS are continually updated to provide the latest information to our customers. We therefore recommend contacting our head office to obtain the most recent and accurate SDS before handling and using any product.



Limitations

Material should not be used in conjunction with cementitious materials below 5°C.

Technical Support

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors. Technical contacts are available to provide further information and arrange demonstrations.

