

## 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 & dry substrates
- No mixing required & supplied ready to use
- Easy to apply by either brush or roller

#### Technical Information

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

#### Surface Preparation

Preparation shall be such as to leave clean, sound exposed surfaces, free from all contaminants, oil, grease, plant growth, dirt, loose particles, debris and laitance must be removed. Grit blasting, steam cleaning or water jetting are preferred methods.

Saw-cut the perimeter of damaged or spalled areas, forming good shoulders and break out defective concrete to the required depth, using mechanical equipment or high pressure water-jetting to expose sound concrete.

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

#### Application Instructions

The prepared surface should be first saturated with water and any excess water removed before applying Nucem Emulsion Primer by brush or roller. The Nucem repair mortar or screed should then be applied onto 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 using Epicon Crack Injection Resin.

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 assist application.

Clean all equipment immediately after use with clean cold water

#### Packaging

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

#### Storage

The shelf life is 12 months when stored unopened in dry, normal conditions and away from direct sunlight. 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

Application should not be carried out below 5°C

## Disclaimer

The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. The user will be deemed to have satisfied themselves independently as to the suitability of our products for their own particular purpose. In no event shall Nufins be liable for consequential or incidental damages.

Users must always refer to the most recent issue of the Technical Datasheets, copies of which will be supplied on request.

## 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.