

NUCEM EMULSION PRIMER

Bonding Coat Polymer

Description

A single pack acrylic ready to use primer designed to improve the adhesion of the Nucem Repair compounds to existing concrete surfaces. The product may also be used to bond cementitious renders and screeds, to seal hairline cracks and to consolidate hollow floor screeds. Economical in use and easy to use. Nucem Emulsion Primer is ideally suited to large rendering or screeding jobs.

Surface Preparation

Priming:

Existing concrete surfaces should be clean and free of laitance which should be mechanically removed. Corroded reinforcement steel should be exposed to its full circumference and cleaned to remove all corrosion products and loose scale preferably by grit blasting. Edges of repairs should be cut square to avoid feather edging. The prepared concrete surface should then be thoroughly saturated with water and any excess removed before brushing on the Nucem Emulsion Primer.

The Nucem products or screeds should then be applied over the Nucem Emulsion Primer after it has become tacky (when it turns clear).

All equipment should be cleaned immediately after use with clean water.

For sealing cracks and consolidation:

Cracks and surrounding concrete must be thoroughly dry. Cracks and crazed areas should be brushed to remove loose dirt etc. If the area is wet and greasy it is unlikely that good results will be obtained.

Fine hairline cracks on horizontal surfaces and crazed areas are best treated by isolating the areas with dams formed from putty, mastic or similar materials.

Consolidating hollow floors where there are no obvious cracks are best achieved by drilling holes through the screed taking care to remove the dust created and forming wells around the holes to ease application.

Sealing cracks in vertical surfaces require small cups or wells to be formed at short intervals along the length of horizontal cracks with putty, mastic or similar material. Vertical cracks will normally require a cup at the top of the crack but for long lengths additional cups may be required. For sealing the remainder of the crack, self adhesive tape is ideally suited on smooth, dry surfaces, but on roughcast or brickwork, tape will not be effective and a suitable mastic, sealant or potters clay is recommended.

Coverage

5 - 8m² per litre depending on surface porosity and profile.

Packaging

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

Storage

Store at moderate temperatures and protect from frost.

Health & Safety

Nucem Emulsion Primer does not present any undue hazard, however, normal standards of hygiene should be observed and any material should be washed from the skin with water before it dries.

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 representatives are available throughout the UK to provide further information and arrange demonstrations.