

ISONEM[®] EP PRIMER



Two-Component Solvent Free Epoxy Resin Based Primer

ISONEM EP is a two-component solvent free epoxy resin based primer with high chemical resistance and approved for use in contact with potable (drinking) water.

USES:

•On steel or concrete. •Reservoir coatings. •Bund linings. •Food production areas. •Cleanroom floors and walls. •Pipe linings. •Metal tank coating and lining. •Nuclear industries. •Aquariums. •Process areas.

ADVANTAGES:

•Excellent decontaminability. •Hygienic. •Non-taint. •High film thickness. •Solvent free. •Excellent chemical resistance. •Good abrasion resistance. •Durable. •Sprayable. •Damp tolerant (no vapour pressure). •Vapour proof. •Suitable for drinking water contact.

VOLUME SOLIDS: Approx 100%

APPLICATION INFORMATION:

POT LIFE: +10° +20°C +30°C
60 mins 50 mins 40 mins

SURFACE PREPARATION:

The surfaces must be dry and free of all contaminants eg oils, grease, surface treatments and coatings etc. The substrate must be prepared mechanically to achieve an open textured fine gripping surface, free of cement laitance. Weak concrete should be removed and surface defects such as blowholes and voids must be fully exposed.

All dust, loose and friable material must be completely removed from all surfaces before application of the coating preferably by brush and vacuum. Repairs to cementitious substrate and filling of blowholes levelling of irregularities etc should be carried out using **ISONEM M03** Repair Mortar.

MIXING: Mix both components thoroughly with a low speed electric stirrer (300-600 rpm) for a minimum of 3 minutes until a uniform mix has been achieved. Leave material to stand in container until the majority of air bubbles have dispersed.

APPLICATION: Apply by brush, roller or airless spray.

CLEANING EQUIPMENT: Hardened material may have to be mechanically removed.

PACKAGING:

A Component (Resin): 3,1 kg + **B Component (Hardener):** 1,9 kg

TOTAL: 5 kg set.

CONSUMPTION: Approx 0.3 - 0.4 kg/m²

STORAGE CONDITIONS/SHELF LIFE: 12 months from date of production if stored properly in unopened and undamaged original sealed containers at temperatures between +5°C to +35°C at dry conditions. Protect from excessive temperature and frost.



The information contained in this leaflet has been prepared to our best knowledge, and in consistency with the results of our experiments and experience, and are the products of our know-how based on our accumulation of decades. However, the application of our products accurately and successfully, is entirely beyond our control and responsibility. Therefore, the scope of our liability is limited to the quality of our products and this technical leaflet supercedes all the previous technical leaflets and all the explanations and the information contained in the product labels.