

EPROSEAL

Product code

EP201, EP202, EP204, EP207
Packaging listed overleaf

Description

Eproseal is a blend of Portland cements, quality graded aggregates and chemical modifiers which provide a waterproof cement based coating system for masonry and concrete. The product is mixed with water on site and applied by brush or spray. The special mix design produces excellent adhesion to construction surfaces and is safe to apply on damp substrates. The standard product is supplied as white and grey.

Uses include: Tanking of basements, sealing of tanks and ducts, coating of brick and blockwork structures, lining of storage tanks for potable water.

Specification Outline

Eproseal as manufactured by Parex Ltd should be used to form all coatings required for waterproofing purposes. The product must be stored, handled and applied strictly in accordance with the manufacturer's instructions.

Quality Assurance

Parex Ltd is a firm of Assessed Capability. The Company's quality system conforms to BS EN ISO 9001:2008 and is assessed by UK CARES LTD.

Typical Properties At 20°C

Water addition: 7.5 to 8.5 litres per 25kg unit.

Yield: 2kg to 3kg/m²/coat depending on substrate.

Coverage: 8.3m² to 12.5m² per 25 kg unit depending on substrate.

Initial set: 330 minutes.

Instructions For Use

Preparation

All contact surfaces must be clean and sound. Remove all loose material, laitence, dust and any previous coating. Tap off water pressure where necessary and cut out a 20mm x 20mm fillet at the junction of the wall and the floor. Repair any existing cracks and fractures with Aquaplug or FS Mortar as necessary.

Priming

No priming is necessary. On dry surfaces, to assist the coating in fully wetting out the substrate, this background should be dampened.

Mixing

Eproseal is supplied in 25kg bags and 25kg pails. The water requirement to produce the coating is 7.5 to 8.5 litres per 25 kg of dry material. Pour the required quantity of water into a suitable mixing vessel. Slowly add the powder to the water whilst continuously mixing. Mechanical mixing is recommended using a slow speed high torque drill with a Mortar Stirrer. Mixing should be continued for three minutes after all the powder has been added to the mixing water to obtain a "creamy" consistency.

Coating

Eproseal is applied in two coats. Brush or spray apply the first coat in a horizontal direction down to the fillet level. After 24 hours seal fillet with Aquaplug leaving weep holes free. Apply a second coat of Eproseal in a vertical direction covering the fillet with the coating. Remove weep hole taps and seal with Aquaplug. If leaks occur, drill 12mm holes adjacent to the leak and seal with Aquaplug.

Application Notes

Do not retemper stiffened material. Eproseal should not be applied to frost filled surfaces or when temperature is 5°C and falling

Curing

In warm or windy conditions, mist spraying may be used to compensate for moisture loss. In tanking applications a through flow of air is required to prevent condensation.

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Precautions

Health and Safety

Eproseal, Aquaplug and FS Mortar are alkaline when mixed with water and should not come into contact with skin or eyes. Avoid inhalation of dust during mixing and wear safety glasses, dust mask and gloves. If skin contact occurs wash thoroughly with clean water. Should eye contact occur rinse immediately with plenty of clean water and seek medical advice.

Full health and safety data are given in Product Safety Data Sheet.

Fire

Eproseal, Aquaplug and FS Mortar are non-flammable.

Coverage

Eproseal is packed in 25kg bags or 25kg pails. The coverage obtained will depend on the substrate surface.

Coarse surface

2.5 to 3kg/m²/coat

8.3 to 10.0m² per 25 kg unit

Smooth surface

2 to 2.5kg/m²/coat

10.0 to 12.5m² per 25 kg unit

Storage And Shelf Life

Eproseal will have a shelf life of 6 months in bags and 12 months in pails when kept in dry conditions at a temperature of 5°C to 45°C. Storage at higher temperatures and high humidity may reduce the shelf life.

Packaging And Ordering

Eproseal is supplied in:

Grey 25kg Bag Product Code EP 201

Grey 25kg Pail

White 25kg Bag Product Code EP 202

White 25kg Pail Product Code EP 207

Aquaplug is supplied in:

10kg Pail Product Code EP 701

25kg Bag Product Code EP 702

FS Mortar is supplied in:

25kg Bag Product Code EP 301

25kg Pail Product Code EP 302

For further information and sales please contact your local Parex office as listed below.

Parex Ltd products are guaranteed against defective materials and manufacture. Products are sold subject to the Parex Ltd Terms and Conditions of Sale, copies of which are forwarded on invoice and are available on request. Parex Ltd endeavours to ensure that the above data and any further advice is correct, however, it cannot accept any direct or indirect liability for the use of its products as such usage is beyond its control.