

# YASH BRICK PROOF



## YASH BRICK PROOF

Single part cementitious waterproof render for brick work.

### DESCRIPTION

YASH BRICK PROOF is a single pack polymer modified, cementitious material, containing water repelling substances, which, when mixed with the correct quantity of clean water may be applied by brush to well prepared, sound, brick substrates and other substrates having a low free lime content.

### APPLICATIONS

The repelling additives in YASH BRICK PROOF repel the ingress of water whilst still allowing the substrate to breathe.

### PROPERTIES

The water repelling additives present in YASH BRICK PROOF penetrate the pores and capillaries of the brickwork, and are also present throughout the cementitious matrix of the product, thereby preventing the ingress of water and at the same time allowing the substrate to breathe.

YASH BRICK PROOF is non-toxic and can be used on both internal and external surfaces. It has an excellent adhesion to the substrates, is extremely durable and resistant to alkalis. YASH BRICK PROOF has a degree of elasticity, which will take up some surface movements.

### Advantages

- Single component, need only water additions.
- Non-toxic.
- Fungus, mould resistant.
- Excellent bond to porous and non-porous surfaces.
- Breathable.
- Durable, excellent protection against carbon dioxide, chloride ions and water.
- Cost effective, quick and easy brush or spray application.
- Suitable for internal and external applications.

### Method of Use

#### Substrate Preparation

The surfaces to be coated should be clean, sound, and free from contamination. Remove any traces of curing compound, laitance, organic growth or any other loose

materials. This is best obtained by using high pressure water or light grit blasting. Substrate containing honey combing, damaged or deteriorated concrete should be repaired using suitable repair mortars from yash repair systems before coating.

### Priming

No special primer is required, but substrate should be pre-soaked with clean water prior to application of YASH BRICK PROOF.

### Technical Properties @ 25°C:

Mixed density	: 1.9 ± 0.1 g/cm <sup>3</sup>
Working time	: 30 - 50 min @ 30°C
Color	: Grey
Mixing ratio	: 8 - 9 litre of water / 25 kg bag
Application Temperature	: 5 - 50°C

### Mixing

To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle should be used. Add between 8 - 9 litres of clean water into suitable container.

The 25 kg powder component is then added slowly to the water while mixing continuously with low speed mixer/drill (400 - 600 rpm). Mixing time should be continued for 5 minutes until a uniform consistency is obtained.

### Application

YASH BRICK PROOF should be applied to the dampened substrate by brush application. Wherever possible YASH BRICK PROOF should be applied on the water pressure side of the structure. A second coat of YASH BRICK PROOF or YASH TANK PROOF (see appropriate data sheet) may be applied, depending on conditions. The YASH BRICK PROOF should still be green at the over coating stage. If the material has cured, it must be thoroughly rewetted, with all free water removed prior to over coating.

a) Two coats of YASH BRICK PROOF will be satisfactory to resist water ingress and protect against damp conditions.

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b) Where water pressure exists, a brush coat of YASH BRICK PROOF should be applied as a primer, followed by one or two coats of 5 mm thick trowel applied coats. The trowel grade is achieved by reducing the water addition to the YASH BRICK PROOF powder to achieve a mortar consistency. Alternatively, use YASH TANK PROOF.

## Cleaning

All tools should be cleaned immediately after finishing using clean water. Hardened materials should be cleaned mechanically.

## Packaging

YASH BRICK PROOF is available in 25 kg bags.

## Coverage

1.8 - 2.0 kg of YASH BRICK PROOF/m<sup>2</sup>/coat to achieve 1 mm dry film thickness, dependent upon application and service conditions. A 25 kg bag should be sufficient to cover 17- 19 m<sup>2</sup>/coat.

## Storage

YASH BRICK PROOF has a shelf life of 9 months from date of manufacture if stored at temperatures range between 5 °C and 40 °C.

If these conditions are exceeded, YASH Technical Department should be contacted for advise.

## Cautions

### Health and Safety

As YASH BRICK PROOF contains Portland cement, YASH BRICK PROOF may cause irritation to skin or eyes.

In case of accidental contact with eyes, immediately flush with plenty of water for at least 10 minutes and seek medical advise if necessary.

## Fire

YASH BRICK PROOF is nonflammable.

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- Concrete admixtures.
- Surface treatments
- Grouts and anchors.
- Concrete repair.
- Flooring systems.
- Protective coatings.
- Sealants.
- Waterproofing.
- Adhesives.
- Tile adhesives and grouts.
- Building products.
- Structural strengthening.

Note : We endeavor to ensure that any advice, recommendation or information we may give in product literature is accurate and correct. However, due to the fact that we have no direct or continuous control over where or how the products are applied, Yash cannot accept any liability either directly or indirectly arising from the use of Yash products, whether or not in accordance with any advice, specification, recommendation or information given by us.