

YASH TANK PROOF



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Single part trowel applied cementitious waterproof render

Description

YASH TANK PROOF is a single part, cementitious waterproofing system consisting of a blend of cements, fillers and special additives. It should always be used in conjunction with YASH SEAL PROOF 181, YASH SEAL CWP, or YASH BRICK PROOF used as a primer.

Applications

- Waterproofing for water retaining structures and reservoirs.
- Waterproofing of basements, roofs, and foundations.
- Waterproofing of bathrooms and wet areas.

Advantages

- Single component, need only water additions.
- Fungus, mould resistant.
- Excellent bond to mentioned primed surfaces.
- Cost effective, quick and easy 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

The prepared substrate surface should be primed with a coat of YASH SEAL PROOF 181, YASH SEAL CWP, or YASH BRICK PROOF (see appropriate data sheets). If the YASH SEAL PROOF 181/ YASH BRICK PROOF has cured, it must be

thoroughly rewetted and all free water removed prior to the application of YASH TANK PROOF.

Should YASH SEAL CWP/BRICK PROOF or SEAL PROOF 181 still be green then rewetting will not be necessary.

Technical Properties:

Mixed density	: 1.55 ± 0.05
Working time	: Around 1 hr @ 30°C
Colour	: Grey
Mixing ratio	: 5 - 6 litre of water /25kg bag
Application Temperature	: 5 - 40°C
Top cut grain size	: 2 mm
Application Thicknesses	: 5 - 10 mm

Mixing

To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle should be used. Add the 5 - 6 litre of clean water to a clean container, then the powder component is added slowly to the liquid 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 TANK PROOF should be applied to the primed substrate by trowel application. Wherever possible, YASH TANK PROOF should be applied on the water pressure side of the substrate in one or two uniform coats dependant on water pressure, at 7.5 - 8 kg/m²/coat, resulting in a nominal thickness of 5 mm/coat.

Working Time

YASH TANK PROOF has a working time of approximate 60 minutes at 30°C.

Mixed material should not be left standing for any length of time prior to application as this will considerably shorten its working life and may lead to flash setting.

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Remarks

YASH TANK PROOF should not be applied to frozen substrates or if ambient temperature is below 5°C or expected to fall below 5°C.

The area must not be exposed to moving water during application.

YASH TANK PROOF can be submerged with water after 5-7 days of application depending on ambient temperatures and relative humidity.

Where cementitious plaster is to be applied over YASH TANK PROOF, a mix of sand, cement and YASH BOND SBR should be sprayed over YASH TANK PROOF as key. Addition rate of YASH BOND SBR should be 10 litre/bag of cement.

Curing

YASH SEAL range of waterproofing systems are cement based products and in common with all such materials must be cured in accordance with good concrete practice. The use of a sprayed on curing aid such as Yash Cure 8 (see appropriate data sheet) or wet Hussein combined with polythene sheeting is recommended to prevent rapid drying, especially during the early stages of curing. The system should be allowed to cure for a minimum of 5 days at 20°C before subjecting to full service.

Cautions

Health and Safety

As YASH TANK PROOF contains Portland cement, Yash Tank 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 advice if necessary.

Fire

YASH TANK PROOF is nonflammable.

Cleaning

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

Packaging

YASH TANK PROOF is available in 25 kg bags.

Coverage

25 kg pack yields approximately 20 litre which covers 4 m² for 5 mm thickness.

Storage

YASH TANK 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 advice.

More from YASH CONCHEM Products

A wide range of construction chemical products are manufactured by YASH which include:

- 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.