

# HYDROSTOP

## Water based two component epoxy

### PRODUCT DESCRIPTION

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HYDROSTOP is a two component grey coloured water based epoxy coating/moisture barrier. Chemically cures to form a tough waterproof barrier with excellent adhesion to concrete a masonry surfaces.

### ADVANTAGES

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- Water based
- Low odour
- Environmentally friendly
- Can be applied to damp concrete
- Excellent water resistance
- Excellent adhesion to concrete
- Resists grease, oils, petrol and most mild detergents
- Prevents rising damp and continual seepage
- Resists hydrostatic pressure up to 30 metres of water when cured
- Prevents bubbling in membranes
- Suitable for indoor and outdoor applications
- Low toxicity
- Can be diluted up to 20% for priming

### USES

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- Primer for Acrylic, Latex & Polyurethane membranes
- Can be applied to damp concrete
- Moisture barrier for floors, walls and screeds
- Negative seal tanking
- Ponds
- Dust sealing concrete floors
- Basements and tunnels
- Underground car parks
- Lift wells

### TECHNICAL PERFORMANCE DATA

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Colour (mixed): Grey  
Volume solids: 47%  
Mixing Ratio: Mix pack A and Pack B 1:1 by volume  
Pot Life: 2 hours at 25°C  
Coverage: as a primer – 5-8 m<sup>2</sup>/L/coat, for waterproofing – 3m<sup>2</sup>/L/multiple coats  
Application temperature: 15-30 °C  
Cure Time: Touch dry 6 hours, hard Cure 24 hours  
Min Curing temp: 5°C

### SURFACE PREPARATION

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All surfaces to be treated must be structurally sound; and existing coatings, adhesives, efflorescence should be removed to achieve maximum bond strength and resistance to hydrostatic pressure. Surfaces must be cleaned free of dirt, grease, oil, or other surfaces contaminants. Holes, non-structural cracks or other surface deformities should be repaired.



# PRODUCT DATA SHEET

## APPLICATION

Stir both Part A and Part B of HYDROSTOP with separate stirrers. Add equal volumes of Part A and B into a clean container. Thoroughly mix the two components until a homogeneous blend is obtained. Only mix as much as may be used within the pot life and avoid excessive aeration during mixing. Can be diluted up to 20% for priming.

- As a primer: Apply HYDROSTOP by brush or nap roller ensuring a full and total coverage with no pinholes. Allow to dry for 2-3 hours (or until tack-free) before the application of any of the Tamsi membranes.
- For rising damp and water retaining applications: Apply 2 coats of HYDROSTOP. Ensure each coat is free of pin holes. Allow each coat to dry (tack free) before applying subsequent coats. Each coat shall be applied in a perpendicular direction to the previous coat. For critical applications, 3 coats may be necessary. Apply at temperatures between 5°C and 35°C

## OVERCOAT

For additional epoxy coat, allow at least 4 hours of curing time depending on the weather. Allow to cure for a minimum 24 hours at 25°C /50% RH before applying waterproofing membranes or other surface coatings.

## PRECAUTIONS

- During conditions of low temperature or high humidity the HYDROSTOP curing rate will slow dramatically.
- Avoid applying over any surfaces that have been previously coated or treated with curing compounds, concrete bonding agents or acrylic coatings. These areas must be mechanically cleaned by grinding to produce a contamination free surface.
- HYDROSTOP is not a waterproof membrane on its own. When cured it is rigid and will not absorb movement cracks.
- HYDROSTOP is not UV stable – tends to chalk.

## SAFETY PRECAUTIONS

Avoid contact with skin and eyes. Use protective gloves. Ensure there is adequate ventilation and avoid breathing vapours. Keep away from children. If swallowed do not induce vomiting. Give plenty of milk or water. Seek medical advice. Keep containers in a well-ventilated place. In enclosed areas, such as water tanks and basements, ventilation should be provided to enable adequate evaporation of the coating. In case of eye contact, rinse with plenty of water or contact Poisons Information Centre. If swallowed immediately contact doctor or Poisons Information Centre 131 126.

ADDITIONAL INFORMATION IS LISTED IN (MSDS).

## CLEAN UP

Clean brushes and roller sleeves using soapy water.

## PACKAGING

- 20L • 10L • 4L