

HYDROSTOP

2-COMPONENT EPOXY PRIMER/MOISTURE BARRIER

PRODUCT DESCRIPTION

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

ADVANTAGES

- 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 10% for priming

USES

- 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

COLOUR (MIXED)	Light Grey
MIXING RATIO	Mix pack A and pack B 1:1 by volume
COVERAGE	As a primer: 10m ² /L As a moisture barrier: 1L/m ² min 3 coats
APPLICATION TEMP	10-35 °C
CURE TIME	Touch dry 4-6 hours, hard Cure 24 hours
MIN CURING TEMP	10°C
VOLUME SOLIDS	34%
WEIGHT SOLIDS	45%
PACKAGING	20L kit, 10L kit, 4L kit
POT LIFE	Approximately 2 hours at 25°C

**Tamsi
HYDROSTOP**

SURFACE PREPARATION

Surface must be sound, dry or slightly damp (not wet), free of loose material, old coatings, dust and surface contaminants (e.g. oil, grease, chemicals, release/curing agents etc.). Holes, non-structural cracks and other deformities should be repaired.

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 10% 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 3 coats of HYDROSTOP for a premium finish or for critical applications more coats may be needed, depending on substrate conditions. 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, a minimum of 3 coats may be necessary. Apply at temperatures between 10°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.

CLEAN UP

Clean up with water while wet. Once dried product needs to be removed mechanically or by solvent.

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
- Always ensure HYDROSTOP is top coated within 2-3 days. If cured longer then sanding will be required to ensure good adhesion.

SAFETY PRECAUTIONS

Avoid contact with skin and eyes. Use protective gloves and goggles. 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)

Disclaimer: This Technical Datasheet (TDS) contains technical details and recommendations based on our best knowledge and the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Tamsi does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in an accordance with any advice, specification, recommendation or information given by it.

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