

HALL'S



PAINTS

CHEMICALS

ADHESIVES

HALL'S WB EPOXY

DIY WATERBASED EPOXY

TECHNICAL DATA SHEET

Application Instructions

Preparation/Substrate

- The surface profile and levels should be appropriate for the system to be applied. Substrate humidity must not exceed 97% RH (surface dry).
- **HALL'S WB EPOXY** can be applied on all solid, stable surfaces that enable adhesion. In general the best adhesion is obtained on direct contact with clean concrete, without adhesion inhibiting layers. For this reason laitance is removed by diamond-grinding and thorough vacuum cleaning. The same applies to membrane hardener or other layers that prevent direct adhesion to clean concrete. Old floors are scoured and vacuum cleaned. Contact us for advice if there are contaminants, such as oils etc., in the concrete.

Mixing

- **HALL'S WB EPOXY** is supplied in complete kits, A+B. Transfer Hardener B into Base A and mix thoroughly by mechanical means such as a low speed drill and stirrer. Taking care not to entrain air, mix for approx 3 minutes or until a smooth homogeneous mixture is obtained.
- Mixed material should be used within 60 minutes and not be diluted with water once the 60 minutes have elapsed.
- Remember never to split batches/components. Incorrect mixing ratios or poor mixing can result in irregular hardening or variations in colour etc.

Application

- **HALL'S WB EPOXY** is applied with a roller or rubber squeegee/roller. The topcoat is applied when the first coat is dry. The topcoat should be applied after at least 12 hours, and no later than 24 hours after the first coat.
- Apply at a temperature range of 20-30°C.

NOTE!

- Make sure there is good ventilation; otherwise there is a risk of matt patches.
- The temperature of the substrate should exceed the "dew point" by more than 3°C during application and hardening.
- The product should be stored in such a way that the temperature is the same as the room temperature where the product is to be applied, i.e. between 20-30°C. This improves the mixing, flow, penetration and hardening of the product.
- Max permitted relative humidity is 70%.
- The surface can normally be walked on after approx. 15 hours at 20°C. Complete hardening takes 5-7 days.
- Ensure that product name on Base A Matches Hardener B before application

Specifications

Finish - Satin

Coverage - approx. 7m²/lt/coat (two/three coats to be applied)

Mix Ratio by Volume - 1:4

Clean - Soap and Hot water

Any recommendation or suggestion relating to the use of the products made by Hall's Adhesives Trust, whether in its technical literature, or in response to a specific enquiry, or otherwise, is based upon data believed to be reliable, however the products and information are intended for use by Customers having requisite skill and know-how in the industry and therefore it is for the Customer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that the Customer has done so at its sole discretion and risk.

DISCLAIMER: All information given in this data sheet and by the company's technical staff is compiled from the information currently available to the company and or the staff members. The company accepts no responsibility whatsoever for its accuracy, or for any results which may be obtained by customers. Any customer who relies upon any advice or information given in this data sheet by the company or by its technical staff does so entirely at its own risk, and the company will not be liable for any loss or damage thereby suffered notwithstanding any want of care on the part of the company or its staff members in compiling or giving the advice or information.

ISSUE DATE: February 2015