



HYDROBOND

REPAIRS LEAKY
BASEMENTS FOR GOOD

DATASHEET

DESCRIPTION:

Hydrobond is a waterbase 2 pack epoxy hardener coating for waterproofing concrete substrates. Water based Hydrobond is designed as a non-flexible membrane coating to be used on dry and damp masonry, concrete and brick substrate.

AREAS OF USE:

Designed to be used as a waterproofing membrane on areas subjected to dampness and water seepage. Areas include interior concrete walls and floors, underground basements, carparks and lift wells.

SPECIAL FEATURES:

- Excellent adhesive properties to cementitious substrates
- Good working pot-life time of 2 hours at ambient 25°C
- Non-Flammable low odour waterbase coating
- Simple equivalent 1:1 mix ratio by volume
- Cleaning up with water, no solvent required

MIXING & THINNING:

1 Part A epoxy to 1 Part B hardener by volume

Prior to mixing, stir each component ensuring homogenous and uniform. Mix both components with a low speed stirrer at 300rpm for 10 minutes and ensure homogenous and uniform. Always avoid air entrapment during mixing.

METHOD OF APPLICATION:

Brush and roller

Do not apply if temperature is below 10 °C or above 35 °C.

Do not apply if the substrate temperature is 10 °C or less as curing will be retarded.

Do not apply if rain is expected or in extremely high humidity greater than 85% R.H.

CARE TIME:

26 hours with full cure achieved after 7 days.

COVERAGE:

6-8 sqm/Lt

Recommend 5 coats for optimum performance and durability.

Coverage will vary depending on the profile and porosity of the surface.

CLEAN UP:

Water.

PACKAGING:

2 x 10L pails

SURFACE PREPARATION:

CONCRETE:

Ensure the substrate to be coated is structurally sound prior to application. Remove all loose material and remove all contaminant and grease by washing with degreaser and clean water and allow to dry. Inspect substrate and remove all existing coating and repair any surface imperfections with a mortar patching compound.

HEALTH & SAFETY:

- Refer to MSDS prior to use
- Keep out of reach of children
- Wear protective clothing
- Ensure good ventilation if using inside
- Wear eye protection
- Store in a cool place

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FIRST AID:

Eye Contact – rinse with cold running water for 10 to 15 minutes.
Seek medical attention if irritation persists.
If swallowed- drink large amounts of water and seek medical attention.

ENVIRONMENT:

Do not tip unused paint or washings down drains
Dispose of waste using authorised collection procedures.

DISPOSAL:

When cleaning up after painting, ensure that paint does not get into gutters or drains as it may contaminate waterways.
Do no reuse empty can, this can is recyclable. Check with your local council to see if it is participating in a steel can recycle programme.

PHYSICAL TEST PROPERTIES:

| PROPERTY | RESIN | HARDNER |
|--------------------|--------------------------------|-------------------|
| Component | Epoxy Resin | Hardener |
| Mixing Ratio | 1 Part by volume | 1 Parts by volume |
| Density kg/Lt | 1.27 | 1.30 |
| Mixture | | |
| Density | 1.29 | |
| Solids | Approx 41.5% | |
| Pot Life | Approx 120 minutes | |
| Dry Time Full Cure | 7 days | |
| DFT | 150 microns | |
| Coverage | 6-8sqm/Lt/Coat minimum 2 coats | |

IMPORTANT POINTS:

Always check the Part A Epoxy component to ensure uniform and homogenous prior to use and mixing with Part B hardener.
Hydrobond is not ultra-violet stable nor to be used as a trafficable coating.

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