

# DATA SHEET

# EPO100ACCH

# ACCELERATOR

## EPOXY ACCELERATOR HARDENER



### DESCRIPTION

Epoxy Accelerator Hardener is a high amine content curing agent. Substitute part of the existing hardener (Part B) with the Epoxy Accelerator to reduce dry times. Due to its yellowing nature, this should only be used as a Primer, Base Coat or in Mortars and Crack Repair.

### PRODUCT INFORMATION

<b>Shelf Life</b>	2 years. Store in a cool, dry area, out of direct sunlight.
<b>Mixing</b>	Substitute part of your EPO100TH (Part B) <b>OR</b> EPO100CH (Part B) with Accelerator at a rate of: 10% -6 hours to cure when coating at 20°C 20% -4 hours to cure when coating at 20°C 30% -2 hours to cure when coating at 20°C 50% -1.5 hours to cure when coating at 20°C Pot life is greatly reduced.

**The more Accelerator used the more brittle and yellow the cured Epoxy becomes.  
Read cautions prior to use.**

### ENVIRONMENTAL CONDITIONS

Temperature and the surrounding atmospheric conditions will play a part in the curing process.

Industry standards recommend the accurate recording of times and dates, batch numbers, consumption rates, and environmental conditions including the substrate and air temperatures, humidity levels, and dew point readings during both the application and curing process. Full material warranties cannot be provided unless all the relevant data has been recorded accurately.

### SURFACE PREPARATION

- Ensure the concrete is sufficiently cured to the recommended minimum of 28 days from completion.
- Diamond grind or Polyvac the substrate. The surfaces must be clean, dry, and free from all traces of loose material, old coatings, curing compounds, release agents, laitance, oil, and grease, etc. This must be completed by diamond grinding or a suitable cleaning method.
- To check that all traces of oil and other contaminants have been completely removed, sprinkle a few drops of water over the surface. If all water is quickly absorbed, the surface is sufficiently oil and grease-free.
- If water forms into globules that remain on the surface, further thorough treatment of the substrate is necessary.
- Substrate compression strength should be at least 25MPa, cohesive bond strength at least 1.5MPa, and moisture content below 4%.
- Repair and fill cracks with EPO100EP Epoxy Putty or Concrete Repair Kit.

### RECOMMENDED USES

- Used within the APC systems to reduce cure times.

### FEATURES & BENEFITS

- Decrease curing and drying time
- Quick return to service
- Excellent chemical resistance

 Refer to individual SDS for safety specifications.

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### CAUTIONS

- Avoid contact with skin and eyes. Use full PPE during application including but not limited to, gloves, mask, and goggles.
- Provide adequate ventilation when used in confined spaces.
- The mix ratio is calculated by product volume. NOT BY PRODUCT WEIGHT. Mixing the product by weight may result in an unsatisfactory cure time or failure of the mix to cure entirely.
- The more Accelerator used the more brittle and yellow the cured Epoxy becomes. Read cautions prior to use.
- Spills, including water should be cleaned up as soon as possible.

### PHYSICAL PROPERTIES

**Will decrease pot life, drying and curing time**

**Rate of Burning**            ASTM D635 Self-Extinguishing

#### PROFESSIONAL USE ONLY:

**EPO100ACCH IS EXTREMELY CORROSIVE. FAILURE TO USE APPROPRIATE PPE COULD RESULT IN SERIOUS INJURY.**

In an emergency, contact the Poisons Information Centre on 13 11 26 or a doctor for advice.

**IF THE SITUATION IS LIFE THREATENING, DIAL 000 IMMEDIATELY.**

DISCLAIMER: Please ensure you read the SDS & TDS thoroughly & carefully before the use or application of any All Purpose Coatings product. These documents contain information in context to how you will apply the product, including if it is being used in conjunction with any other products or systems, and to what surface the product will be applied. All-Purpose Coatings Pty Ltd does not accept any liability either directly or indirectly for any losses that arise from the use or application of the product in accordance with any advice, specification & recommendation given by the companies' documentation or representatives at any point in time. Application, performance & safety data may change from time to time. It is the user and/or applicators' responsibility to ensure they have the latest copy of any documentation pertaining to their project.

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