

# Epoxy Accelerator

## Epoxy Catalyst

### PRODUCT

#### DESCRIPTION

Epoxy Accelerator is a catalyst designed for high-solids and solvent-based epoxy systems, compatible with Aralox, Novolox, and Metalox. It significantly reduces dry times to half of the neat resin, enabling faster project completion without compromising durability and toughness. Ideal for commercial and industrial applications, Epoxy Accelerator ensures efficient application and minimal downtime while maintaining the high-performance characteristics of the Aralox system.

### INTENDED

#### USES

- Fast-curing applications and quick turnaround for commercial and industrial flooring
- High-solids and solvent-based epoxy

### PRODUCT DATA

<b>Volume Solids</b>	100%
<b>Colour</b>	Clear Yellow Liquid
<b>Flash Point</b>	149°C
<b>Odour</b>	Ammoniacal
<b>Specific Gravity</b>	0.98

#### Recommended Use

The accelerator is particularly recommended for high solids and solvented epoxy resins.

#### Recommended Levels

5 to 10 % volume additive (as supplied) based on the total formulation.

For context, an unaccelerated Aralox FL170 system has a hard dry time of 6 - 8 hours. However, an accelerated Aralox FL170 system with 10% catalyst loading will dry (hard) within 3 hours (>50% reduction in drying times).

The suggested levels serve as a guideline. The ideal amounts should be established through thorough pilot testing.

#### Instructions

##### Mixing of Accelerator to Epoxy Resin

These instructions are for mixing Part A and Part B of Epoxy resin and adding an accelerator solution to accelerate the curing process. You will add 10% by volume of this accelerator solution to the combined resin mixture.

##### Step-by-Step Mixing Instructions:

1. Combine Part A and Part B of the Epoxy Resin:
  - Measure and mix 1: 1 Part A and Part B.
2. Measure the Accelerator:
  - For every 100 ml of combined resin, measure 10 ml of the accelerator. For a 5 L kit, this equates to adding 500 ml (0.5 L) of Epoxy Accelerator to the mixed Part A and Part B.
3. Add the Accelerator to the Resin:
  - Pour the 10 ml of accelerator into the combined 100 ml of resin.
4. Mix Thoroughly:
  - Stir the mixture well for 1 - 2 minutes to ensure the accelerator is evenly distributed.

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5. Apply Immediately:

- Use the mixed resin promptly, as the addition of the accelerator will reduce the curing process.

**Note:** Adding 10% by volume of this Epoxy Accelerator will speed up the curing process significantly, so be prepared to work quickly once mixed.

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## STORAGE & HANDLING

Store in dry, shaded conditions away from sources of heat and ignition and in properly sealed containers. Protect from heat and frost. A shelf life of 48 months minimum is typical if stored under ambient conditions at 25°C.

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## PACK SIZE

10L Pail  
20L Pail

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## HEALTH & SAFETY

Always wear protective gloves and safety glasses while mixing. Work in a well-ventilated area to minimise exposure to fumes.

Epoxy Accelerator is a dangerous good and hazardous. The Epoxy Accelerator is flammable. Epoxy Accelerator is for professional use only. Observe all health and safety as well as environmental legislation.

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## DISCLAIMER

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