

Epoxy Accelerator

Cure Accelerator for Selected Epoxy Coatings

FEATURES

Advantages:

- Accelerates cure of treated epoxy coatings at low temperatures
- Cure and recoat times may be reduced by as much as 50%
- Reduces time to touch dry / dust free
- Reduce shop turn-around times in less than ideal conditions
- Reduce time to mask out prior to topcoating

For further information, consult Altex Coatings Technical Services.

RECOMMENDED USES

Epoxy Accelerator is designed for use in epoxy coatings to reduce cure times at low temperatures:

Limitations of Use:

- The use of accelerators or force curing may shorten the aged recoat of individual coatings
- The use of accelerators will shorten the mixed pot-life of individual coatings
- Do not use in coatings with a pot life of 60 minutes or less.
- The use of this accelerator may compromise the sanding properties of AY&B Epoxy Barrier Undercoat. Do not leave for extended periods, nor over accelerate.

Epoxy Accelerator should only be used to *accelerate* the cure of coatings under adverse conditions; it is **not a means by which to lower the absolute cure temperature of an individual coating** - such misuse of Epoxy Accelerator will result in marginal true cure and possible β-phasing of the epoxy polymer reaction.

SPECIFICATION DATA

Product Type:	Amine Additive
Colours:	Amber
Packaging:	500ml
Mix Ratio:	See Overleaf
Flash Point:	115°C Setaflash
Storage:	Store under cool, dry conditions

Density:	0.97 kg per litre
Volume Solids:	100%
Induction Time:	15 minutes at 10°C
Dose Rates:	Up to 25 ml of Epoxy Accelerator per 1 Litre of MIXED product. Can be added to Rustbond PS at a dosage rate of up to 15ml per 1 Litre of MIXED product

DIRECTIONS FOR USE

Use up to 25ml of Epoxy Accelerator per litre of **mixed** product.

Can be added to **Rustbond PS** at a dosage rate of up to 15ml per 1 Litre of **MIXED** product – Refer to the Rustbond PS data sheet for curing schedule when dosed with Epoxy Accelerator.

- Add to mixed product before adding any thinner.
- Epoxy Accelerator must be mixed in thoroughly.
- At 10°C, a 15 minutes induction time is required once added to the mixed product.

MIXING:

Mix the base and converter at the appropriate mix ratio, add the required amount of accelerator while continuing to mix the product.

Thoroughly mix the solution for at least 5 minutes. Allow to stand (induct) for 15 minutes (minimum) prior to thinning (if required) and application

For additional information / advice, please contact the Altex Technical Services.

PRECAUTIONS

For industrial use only: Read and follow all the caution statements on this Product Data Sheet, the product label, and the Safety Data Sheet (SDS) for health and safety information prior to use.

Epoxy Accelerator is corrosive. Use with adequate ventilation. Causes severe skin burns, and serious eye damage. Do not breathe vapour or spray. Wear suitable protective clothing such as gloves and eye and face protection.

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