

EverKrete Accelerator



For cold temperature applications or fast return to service.

The For EverKrete concrete repair system.

EVERKRETE

Adheseal

The Adhesive and Sealant Specialists

Description

EverKrete Accelerator is a single component optional additive used to rapidly accelerate the cure speed of EverKrete 102 resin in applications that require an extremely fast return to service and is also recommended for applications in cooler environments.

Using EverKrete Accelerator as an accelerator, can achieve full cure in as little as 15 minutes. Adding EverKrete Accelerator will allow EverKrete 102 to be applied in temperatures as low as -18°C.

Uses

- When extremely fast return to service is required
- Applications in cooler environments.
- Applications below +10 C° to a minimum temperature of -18 C°.
- As primer when added to EverKrete 102 for temperatures +10dgC down to -18dgC.

Benefits

- Extremely Fast Curing
- Proven long term durability and resilient
- Suitable for internal & external applications
- Cold applications

Limitations

- Do not apply when temperatures are below -18oc or above 35oc
- Do not apply on damp, wet or contaminated substrates, if it is raining or if rain is imminent

Acceptable Substrates

- Concrete after curing period of 28 days
- 3:1 sand cement screed or C-Bed
- Masonry / render after curing period of at least 4 days
- Pre-cast concrete once release agent has been removed/ dissipated
- Brickwork, Hebel (aggregate block)
- Some Plastics
- Ceramic Tiles
- Burnished Concrete

Application

EverKrete Accelerator Mix Ratios

Mix ratio is variable depending on application.

Variable mix ratio: 100 : 1 to 1000 : 1

Testing for desired mix ratio is recommended prior to application.

As a guide, 300 : 1 mix ratio is a suitable starting point for testing then alter as required.

Caution should be taken when using EverKrete Accelerator, as it will rapidly accelerate cure speed to reduce work time. Testing is highly recommended as mix ratios vary depending on personal preferences, environmental conditions and substrate parameters.

EXAMPLE at 300 :1 mix ratio:

If you are mixing 1 litre of Catalysed EverKrete 102 (10ml of catalyst) add 3.3 ml of EverKrete Accelerator.

Case Study: EverKrete was used in a Cold room at 3 C°. EverKrete Accelerator was added at 125 : 1 mix ratio. EverKrete mortar was cured in one hour.

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 Brisbane South
 Sunshine Coast
 Gold Coast
 Toowoomba

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Slightly increase EverKrete Accelerator Ratio for colder temperatures decrease for warmer temperatures. Slightly increase the amount of EverKrete Accelerator Additive for colder temperatures and decrease the amount for warmer temperatures.

Mix Ratio for Priming applications for temperatures +5dgC to -18dgC a neat solution of EverKrete 102 resin and EverKrete Accelerator @ 100-200:1.

Accelerator Mix Ratios			
102	Accelerator ml		
Litres	1:100	1:200	1:300
0.5	5	2.5	1.667
1	10	5	3.333
2	20	10	6.667
3	30	15	10
4	40	20	13.33
6	60	30	20
10	100	50	33.33
18.9	189	94.5	63

Mixing Instructions:

CAUTION: Do not add Catalyst & EverKrete Accelerator simultaneously.

Catalyse EverKrete with Standard Catalyst (as per normal instructions) making sure it is mixed well with EverKrete 102 Resin.

Measure desired quantity of EverKrete Accelerator & add to EverKrete 102 catalysed Resin.

Power mix well to evenly disperse for 30-60 seconds.

Refer to Standard EverKrete application instructions to proceed.

Caution should be taken when using EverKrete Accelerator, so as not to attain a cure sooner than desired. Measure carefully & mix properly. Ambient temperature, as well as material temperature, determine the time at which EverKrete accelerator reacts for the final cure.

Clean Up.

While the product is still wet, tools and spills can be efficiently cleaned with Acetone.

Colour

Clear / opaque

Packaging

150ml EKACCEL/150

Note:

Before application, refer to all relevant TDS's and SDS's detailed product specifications & application instructions.

Specification:

The information contained in this TDS is typical but does not constitute a full specification as conditions and specific requirements may vary from project to project. The instructions should be considered as a minimum requirement. The applicator or contractor must use their skill, knowledge, and experience to carry out additional works as may be necessary to meet the requirements of the project. Specification for specific projects should be sought from the company in writing.

Conditions Of Use and Disclaimer:

The information contained in this TDS is given in good faith based upon our current knowledge and does not imply warranty, express or implied. The information is provided, and the product is sold on the basis that the product is used for its intended purpose and is used in a proper workman-like manner in accordance with the instructions of the TDS in suitable and safe working conditions. Under no circumstances will the Company be liable for loss, consequential or otherwise, arising from the use of the product.

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Health and Safety

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

First Aid:

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin Contact: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye contact: If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice. **Ingestion:** Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

PPE for First Aiders: Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.

Notes to physician: Treat symptomatically. Treat symptomatically.

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