



# TECHNICAL DATA

## Epoxy Accelerator

### ***Epirez***<sup>®</sup> **D1419**

#### **Description**

**Epoxy Accelerator (D1419)** is an additive designed to accelerate the cure of two-pack epoxy systems. It will reduce cure times at ambient temperatures but also reduces pot life. **Epoxy Accelerator (D1419)** will not necessarily improve curing when material and / or substrate temperatures are below 5<sup>o</sup>C

The use of **Epoxy Accelerator (D1419)** may increase the tendency of epoxy coatings to yellow and may effect the maximum depth of pour for grouting application.

The recommended addition levels of **Epoxy Accelerator (D1419)** and its effect will vary from product to product and from application to application.

**Epoxy Accelerator** should only be used after consultation with the ITW Polymers & Fluids Technical Department.

#### **General properties**

Shelf Life	:	2 Years
Appearance	:	Amber liquid
Density	:	0.98 g/cm <sup>3</sup>
Viscosity	:	130-300 mPa s
Flash point	:	102 (DIN 51758)
Solids Content	:	100 %

#### **Application Directions**

The recommended addition levels of **Epoxy Accelerator (D1419)** and its effects will vary from product to product and from application to application.

**Epoxy Accelerator (D1419)** can be either blended with the hardener before use or added to the compound at the same time as hardener addition. Do not add to compound until ready for use..

For the preparation of epoxy mortars based on **General Purpose Epoxy Mortar Binder (133)** or **Non-Sag Epoxy Mortar Binder (633)** and **Patching & Flooring Mortar Aggregate (QA2)** or **Epoxy Mortar Aggregate Extender**

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The information contained in this Technical Bulletin is as up to date and correct as possible as at the time of issue. The data provided should be used as a guide only as the performance of the product will vary depending on differing operating conditions and application methods.

The sale of any product described in this Technical Bulletin will be in accordance with ITW Polymers & Fluids Conditions Of Sale, a copy of which is available on request. To the extent permitted by law, ITW Polymers & Fluids excludes all other warranties in relation to this product.

**(QA3), Epirez® Accelerator (D1419)** should be added at no more than 125ml per 4 litres of any epoxy. This addition level will reduce the pot life and cure times of **Epirez® Epoxy Mortar Binders** by approximately 50 % at 25°C.

**Epoxy Accelerator (D1419)** will not significantly affect the cured physical properties of the epoxy mortar, such as adhesion or compressive strength, when used at this addition level.

For other applications, **Epoxy Accelerator (D1419)** should only be used after consultation with the ITW Polymers & Fluids Technical Department for each application and at addition levels no greater than recommended at the time.

Additions of greater amounts of **Epoxy Accelerator (D1419)** will tend to reduce work times without reducing cure times.

## Limitations

**Epoxy Accelerator (D1419)** is not effective at temperatures below 5°C.

The use of **Epoxy Accelerator (D1419)** may increase the tendency of epoxy coatings to yellow and may effect the recommended maximum depth of pour for grouting applications.

## Storage and Shelf Life

Store in dry conditions between 10°C and 30°C, away from sources of heat and naked flames. Protect from frost. When stored in original sealed containers the minimum shelf life is 2 years.

## Packaging

**Epoxy Accelerator (D1419)** is available in 250 ml containers.

## Ordering Information

250 ml #E991190

## Note

The figures quoted for work time, cure time and casting thickness are not definitive. They are dependent on job site conditions and will vary accordingly. In all cases we endeavour to provide typical figures for use as a guide.

## Health & Safety Information

The product is hazardous. A Material Safety Data Sheet is available from the ITW Polymers & Fluids Technical Department upon request or available on our website [www.epirez.com.au](http://www.epirez.com.au).

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