

WILLADD® Fast

Catalyst (accelerator) for polyurethane-based injection resins

1. Applications

WILLADD® Fast is a catalyst for shortening reaction times, especially at low temperatures or in the presence of large amounts of water.

WILLADD® Fast is suitable for various polyurethane-based injection resins.

2. Substance data*

		WILLADD® Fast	Norm
Colour		colourless	
Viscosity at 25°C	mPa*s	120 ± 20	DIN EN ISO 3219
Density at 20°C	g/cm ³	1.0 ± 0.05	DIN 51757

3. Composition and properties

WILLADD® Fast is a mixture of additives that improves the miscibility of the components and regulates the reaction behaviour of the mixture.

4. Preparation/Processing

Mixture:

WILLADD® Fast is used in suitable quantities as recommended by F. Willich GmbH + Co.

0.1 ≤ 5 % (by weight) is stirred homogeneously and streak-free into the respective polyol component (respective **WILLPUR® A** component).

5. Safety notes

WILLADD® Fast is classified as hazardous according to REGULATION (EC) No 1272/2008.

Before starting processing, it is therefore necessary to inform yourself about precautionary measures and safety advice on the basis of the safety data sheets.

6. Storage

At least six months after delivery or twelve months after production if stored in a dry place between 10°C and 30°C. The minimum durability is reflected by the batch number on the container.

7. Delivery form

	WILLADD® Fast (item no.)
5 l tin canister à	5 kg (WADD-FAST-1-5)

Other delivery forms on request.

8. Waste management

In Germany, empty packaging can be taken back by the KBS or Interseroh-System for steel or plastic packaging. The return is limited exclusively to used, completely empty packaging of the same type, shape, and size that we carry in our product range.

Transport and outer packaging are not included.

For more information on the location and further modalities of the return, please visit the website of the recycling partner acting on our behalf:



Interseroh+ GmbH

www.interseroh.plus
info@interseroh.plus
Tel.: +49 (0)2203 9147 - 1268



**Kreislaufsystem
Blechverpackungen Stahl GmbH**

www.kbs-recycling.de
info@kbs-recycling.de
Tel.: +49 (0)211 239228 - 0

Reacted product residues can be disposed of in smaller quantities with household waste, in larger quantities as construction waste or incinerated.
Non-reacted product components must be disposed of in accordance with local regulations.

9 Legal notes

***The data given are laboratory values.**

Our technical application recommendations, which we provide to support the purchaser or processor on the basis of our experience and to the best of our knowledge in accordance with the current state of knowledge in practice and science, are non-binding and do not constitute an agreed quality.

The specified data and processing instructions are based on laboratory tests.

In practice, the measured values may deviate due to influences outside our sphere of influence. We expressly reserve the right to make technical changes in the course of further development.

The technical documentation must therefore be read carefully before starting work.

With the publication of a new version of the technical data sheet, all previous data sheets lose their validity. The user must test the products for their suitability for the intended application.

The publication of this data sheet renders previous editions invalid.

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In practice, the measured values may be different due to influences outside our control. We explicitly reserve the right to make technical changes during further development.

The technical documents should be read carefully before starting work.

With the publication of a new version of the technical data sheet, all previous data sheets lose their validity. The applicator must test the products for their suitability for the intended application.

With the publication of this data sheet, previous editions become void.

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