

## Product Information

## TEGO® Addibit L 300 N

## PRODUCT DESCRIPTION

TEGO® Addibit L 300 N is a liquid bitumen additive based on fatty acid polyamines.

## Typical Properties

Property	Unit	Value
<b>Acid Value</b>	mg KOH/g	32-38
<b>Amine Value</b>	mg KOH/g	150
<b>Appearance</b>		Clear to yellowish liquid
<b>Viscosity</b>	mPa·s	100-300

The data represents typical values (no product specification)

## TYPICAL APPLICATIONS

TEGO® Addibit L 300 N is used as bonding and wetting additive in

- Hot bitumen
- Cutback bitumen
- Bituminous paints, coatings for roofing

Due to its chemical character TEGO® Addibit L 300 N may also be used as an emulsifier for the production of cationic bitumen emulsions, particularly in combination with acidic aggregates.

## BENEFITS &amp; ADVANTAGES

TEGO® Addibit 300 N is solvent free and pumpable at room temperature. It is highly efficient even at low dosage rates. Application as bonding and wetting agent

- Good wetting on dry and wet surfaces
- Excellent bonding properties when used in hot and cutback bitumen
- Strong improvement of adhesion of bitumen on acidic, neutral and alkaline aggregates
- Excellent heat stability during storage in hot bitumen up to ca. 180 °C (depending on dosage and storage time)
- Application as emulsifier for the production of cationic bitumen emulsions
- Good oil solubility, e.g. in bitumen
- Emulsions may be used in combination with all common aggregates
- Excellent bonding properties after setting of the emulsion

## DOSAGE

- 0.15 - 0.30 % as anti-stripping agent
- 0.2 - 0.3 % as emulsifier for cationic emulsions

## HANDLING &amp; PROCESSING

TEGO® Addibit L 300 N as bonding and wetting agent in hot bitumen: Approx. 0.15 - 0.30 % for use in hot bitumen referred to binder, dependent on type of aggregate and binder.

TEGO® Addibit L 300 N is added to the bitumen prior to mixing with the aggregates. It can be poured into the binder tank or added through dosage pumps for more economical handling. TEGO® Addibit L 300 N may also be added directly to the mixing chamber.

For emulsion production TEGO® Addibit L 300 N is added after neutralisation (pH 2 - 4) to the water phase.

## PACKAGING

Plastic drums à 180 kg

Container à 850 kg

Pails à 25 kg

## SHELF LIFE

TEGO® Addibit L 300 N can be stored for 12 months in closed original containers. TEGO® Addibit L 300 N can be stored up to 5 °C, protect of frost. Lower temperatures should be avoided.

## HAZARDOUS SUBSTANCE

Information concerning

- Classification and labelling according to regulations for transport and for dangerous substances
- Protective measures for storage and handling
- Measures in case of accidents and fire
- Toxicity and ecological effects

is given in our material safety data sheets.

## REGISTRATION LISTING SUMMARY

The relevant components of TEGO® ADDIBIT L 300 N are listed/registered or exempt in the following chemical inventories:

### Registration Listings

Registry	Status
Australia (AICIS)	Yes
Canada (DSL)	Yes
China (IECSC)	Yes
European Union (EINECS/ELINCS)	Yes
Japan (ENCS)	Yes
New Zealand (NZIoC)	Yes
Philippines (PICCS)	Yes
Taiwan (TCSI)	Yes
United States of America (TSCA)	Yes

### Disclaimer

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third-party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

### Evonik Operations GmbH

Interface & Performance  
Goldschmidtstraße 100  
45127 Essen, Germany  
Phone Europe +49 201 173-2665  
Phone Asia +86 21 61191 125  
Phone Americas +1 804 727 0700  
interface-performance@evonik.com  
[evonik.click/interface-performance](https://evonik.click/interface-performance)