

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
Acid Value	mg KOH/g	25-35
Amine Value	mg KOH/g	150
Appearance		Clear to yellowish liquid
Viscosity	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 & 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 cut-back 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 & 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 (AIIC)	Yes
Canada (DSL)	Yes
China (IECSC)	Yes
EU (EINECS/ELINCS)	Yes
Japan (ENCS)	Yes
New Zealand (NZIoC)	Yes
Philippines (PICCS)	Yes
Taiwan (TCSI)	Yes
USA (TSCA)	Yes

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