

Product Information

TEGO® Addibit EK 50

PRODUCT DESCRIPTION

TEGO® Addibit EK 50 is a liquid emulsifier for the production of cationic and anionic emulsions.

Typical Properties

Property	Unit	Value
Appearance		Clear, yellowish
Density at 25 °C	g/cm ³	1.00-1.05
pH Value		4.5-5.0
Viscosity at 20 °C, Dynamic	mPa·s	80-100

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

TEGO® Addibit EK 50 may be used

- For the production of anionic (alkaline) bitumen emulsions e.g. for the production of coatings for sub-surface building sealing
- For the production of cationic (acidic) bitumen emulsions e.g. for road construction and maintenance

BENEFITS & ADVANTAGES

- Good stability of anionic base emulsions and broad workability
- Setting properties of cationic emulsions can be adjusted over a wide range (unstable to stable)

DOSAGE

- Stable emulsions: 1.5 - 2.0 %
- As co-emulsifier: 0.3 - 0.6 %
- For tack coat emulsions: 0.5 - 1.0 %

HANDLING & PROCESSING

For the production of the emulsions high-shear emulsification equipment (e. g. colloid mills) is recommended.

PACKAGING

Plastic drums à 220 kg

Container à 1 000 kg

SHELF LIFE

TEGO® Addibit EK 50 may be stored in closed containers for at least 1 year. At storage temperature below 5 °C the product may become cloudy. This process is reversible and does not adversely affect the performance of TEGO® Addibit EK 50.

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 EK 50 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
South Korea (KECL)	Yes
New Zealand (NZIoC)	Yes
Philippines (PICCS)	Yes

Registration Listings

Registry	Status
----------	--------

Taiwan (TCSI)	Yes
---------------	-----

Registration Listings

Registry	Status
----------	--------

USA (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://www.evonik.com/evonik.click/interface-performance)