

Product Information

TEGO® Addibit F 4 HB

PRODUCT DESCRIPTION

TEGO® Addibit F 4 HB is a flaky material based on fatty acid amid.

Typical Properties

Property	Unit	Value
Acid Value	mg KOH/g	28-32
Amine Value	mg KOH/g	130
Appearance		Flaky, yellowish
Melting Point	°C	55

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

- As adhesion promoter in hot-mix asphalt
- In hot-poured asphalt, mastic asphalt, sealing compounds
- As dispersing additive in modified bitumen (e. g. for SMA, roofing applications)
- As emulsifier for the production of cationic bitumen emulsions

BENEFITS & ADVANTAGES

Compared to other products in the market TEGO® Addibit F 4 HB shows outstanding good heatstability.

- Application as bonding and wetting additive
- Enhance wetting and adhesion of acidic silicate aggregate, even on wet surfaces
- Improves the wheel tracking resistance of concrete asphalt up to 50 %
- Heat stable at 200 °C for several days
- Heat stable at 280 °C for several hours
- Improve flow and levelling properties
- Application as emulsifier for rapid setting cationic emulsions
- Good emulsion stability even with more critical bitumen grades

HANDLING & PROCESSING

Application as bonding and wetting additive 0.2 - 0.3 % for use in hot-mix asphalt referred to binder.

Since TEGO® Addibit F 4 HB is a flaky material it may be added to the binder directly without melting.

Application as emulsifier for CRS emulsions 0.2 - 0.3 % for the formulation of CRS emulsions.

Remark: regarding melting point 55 °C of F 4 HB water temperature should be 60 °C.

PACKAGING

Cardboard box with PE inliner à 25 kg

SHELF LIFE

TEGO® Addibit F 4 HB can be stored in closed poly-ethylene bags for min. 1 year. During transport and storage temperatures above 30 °C the material may become lumpy. However, the performance of the product is not impaired.

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 F 4 HB are listed/registered or exempt in the following chemical inventories:

Registration Listings

Registry	Status
Australia (AIIC)	Yes
Canada (DSL)	Yes

Registration Listings

Registry	Status
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China (IECSC)	Yes
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EU (EINECS/ELINCS)	Yes
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New Zealand (NZIoC)	Yes
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Registration Listings

Registry	Status
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USA (TSCA)	Yes
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Disclaimer

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