

**Product Information**

# TEGO® Addbit DF

## PRODUCT DESCRIPTION

TEGO® Addbit DF is a liquid emulsifier for the production of cationic and anionic bitumen emulsions.

**Typical Properties**

Property	Unit	Value
<b>Appearance</b>		Clear, yellowish
<b>Density</b> at 20 °C	g/cm <sup>3</sup>	~1.00
<b>pH Value</b>		4.0-6.0
<b>Viscosity</b> at 20 °C	mPa·s	18-23

The data represents typical values (no product specification)

## HANDLING & PROCESSING

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

For the production of cationic bitumen emulsions the required dosage strongly depends on the desired setting properties of the bitumen emulsion (> 1 % for use in special formulations e. g. recycling emulsions) and should therefore be evaluated in suitable lab tests.

## PACKAGING

Plastic drums à 220 kg

Container à 1 000 kg

## SHELF LIFE

TEGO® Addbit DF 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® Addbit DF.

## 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 DF are listed/registered or exempt in the following chemical inventories:

## TYPICAL APPLICATIONS

TEGO® Addbit DF may be used for the production of bitumen emulsions

- For the production of anionic (alkaline) bitumen emulsions which are mainly processed to coatings for subsurface building sealing
- As emulsifier for cationic (acidic) bitumen emulsions e. g. for road construction and maintenance

## BENEFITS & ADVANTAGES

- Suitable for production of 1 and 2 component systems in anionic emulsions
- Excellent emulsion stability and broad workability, especially in anionic bitumen emulsions
- Suitable for the production of emulsions with pH 2 - 14
- Emulsions may easily be processed with organic and inorganic thickener

## DOSAGE

The dosage depends on application, type of emulsion and desired stability of the bitumen emulsion.

Average dosage for anionic emulsions in building sealing:  
0.8 - 1.0 %

Registration Listings	
Registry	Status
<b>Australia (AICIS)</b>	Yes
<b>Canada (DSL)</b>	Yes
<b>China (IECSC)</b>	Yes
<b>European Union (EINECS/ELINCS)</b>	Yes
<b>Japan (ENCS)</b>	Yes

Registration Listings	
Registry	Status
<b>New Zealand (NZIoC)</b>	Yes
<b>Taiwan (TCSI)</b>	Yes
<b>United States of America (TSCA)</b>	Yes

#### Disclaimer

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