

# Product data sheet

## Flügger Flutex 5

Flügger

### Product properties

Matt, robust acrylic paint with optimum opacity. Provides a well-cured and washable surface. Withstands ordinary cleaning, where the entire surface is cleaned. Easy to apply and to repaint.

Flutex 5 in white shades as well as in base 1 are labelled with the European ECO label:



SV/07/02

- Suitable for interior use
- Limited content of dangerous substances
- Low content of solvents



Flutex 5 in coloured shades has a slightly higher gloss level than the white and may come off during the first application phase due to a surplus of pigments. Does not block for strike-through of aqueous colorants, water blotches or nicotine.

- Optimum opacity
- Easy and quick to repaint
- Great spreading capacity

### Application

For interior use on ceilings and walls in living-rooms, common rooms and offices, as well as exterior on mineral facades of cement render and concrete

### Treatment

The substrate must be clean, dry and solid. Clean with Fluren 37 Basic Cleaner prior to paint treatment. Interior use: Prime slightly chalking or absorbent interior substrates with Flügger Sealer. If there is any risk of strike-through from aqueous colorants, water blotches or nicotine, prime with Flügger Iso Primer & Finish. Exterior use: Prime with Flügger Facade Primer. NB! Exterior use: Add Flügger Additive 100. Apply 1-2 coats, by paint brush by paint roller or by spraying. Depending on the substrate, the application method and the temperature, dilution with up to 10 % water is possible.

### Flutex 5 in 120 litre packaging

At low temperatures, the product thickens and becomes difficult to pump.

Therefore, it is important that the product is stored in a tempered environment (approximately 20 °C). Choice of nozzle when using Graco spraying unit Ultramax 695, 795, 1095, or Mark V: We recommend nozzle no. 517, 519 alternatively 521 for big projects.

### Good practice

Matt surfaces are not suitable for walls in institutions, corridors or other places, where the surface is exposed to heavy smudging and/or wear and tear.

### Technical data - white

Type:	Acrylic paint
Specific gravity:	1,45 kg/litre
Gloss:	5, matt
Solids:	Weight%: 56                      Vol.%: 36
Spreading rate:	7-9 m <sup>2</sup> per l. 4-5 m <sup>2</sup> per l when sprayed
Application temp.:	Min. work. temp. during drying/curing: +5 °C
	Max atmospheric humidity 80 % RH
Drying time at 20°C, 60 % RH:	Dry to touch:                      1 h
	Recoat interval:                2 h
	Fully cured:                      Several days
Washability:	Class 2, according to EN 13300
Density:	Water vapour permeability: Sd= 0.18m
	equal to class 2, according to EN 7783-2
Dilution:	Water
Cleaning of tools etc.:	Water and soap
Storage:	Cool, frost-free and tightly closed

Key: FLUTEX 5

December 2010, replaces January 2010

Always make sure, that the product data sheet is the latest edition.

Please also refer to the information on the label as well as to the Application Guide at [www.flugger.dk](http://www.flugger.dk)

All information is based on the existing legislation, laboratory tests and practical experience.

Contact: [produktsupportdk@flugger.com](mailto:produktsupportdk@flugger.com) phone. +45 76 30 33 80.

# Safety data sheet

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01-11-2009

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**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Trade name**

Flügger Flutex 5

**Supplier**

Flügger A/S Export, Islevdalvej 151, DK-2610 Rødovre, Tel:+45 7015 1505, Fax:

+45 4454 1505, E-mail: hse@flugger.com

Contact person: Export Department

**Replaces:**

01-10-2007

**Product use**

Acrylic emulsion paint for walls.

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**2. HAZARDS IDENTIFICATION**

The product shall not be classified as hazardous according to the national classification and labelling rules.

Allergy sufferers, please read information in section 11.

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Contains no substances subject to reporting requirements.

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**4. FIRST-AID MEASURES****Inhalation**

Persons feeling indisposed must be placed in fresh air and kept under surveillance.

**Ingestion**

Drink a couple of glasses of water or milk.

**Skin**

Flush skin with large amounts of water and remove contaminated clothing, watches etc. simultaneously.

**Eyes**

Remove any contact lenses. Bend head backwards, open eye wide and flush with water for a few minutes or till discomfort has disappeared. Seek medical advice if discomfort continues.

**Other information**

When obtaining medical advice, show the safety data sheet or label. Symptoms: See section 11.

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**5. FIRE-FIGHTING MEASURES**

The product is not flammable. Extinguish with powder, foam, carbon dioxide or water mist.

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**6. ACCIDENTAL RELEASE MEASURES**

Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers. See section 13 for instructions on disposal. Avoid release of significant quantities of the product to water sources, sewers or the environment in general. If the product contaminates sea, lakes or drains, inform appropriate authorities in accordance with local regulations.

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**7. HANDLING AND STORAGE****Handling**

Do not breathe vapour/spray. Avoid contact with skin and eyes.

**Storage**

Keep container tightly closed, dry and out of reach of children. Away from food.

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Precautions for use

Provide good airing. Running water and eye wash equipment should be available.

Dust, which is unhealthy, is produced when treated surfaces are grinded.

Provide good ventilation. Use breathing mask if necessary.

#### Respiratory protection

When spraying, use breathing mask with combination filter.

#### Gloves and protective clothing

Use protective gloves of e.g. vinyl. Follow the glove supplier's instructions and information concerning use, break-through time etc.

Wear suitable protective clothing. Wear full body protective suit when spraying.

#### Eye protection

Wear eye protection if there is a possibility of direct contact or splashes.

#### Occupational exposure limits

Contains no substances subject to reporting requirements.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance - Liquid in miscellaneous colours

Odour - Acrylic dispersion

Solubility - Emulsifiable with water

Relative density (kg/l): 1,22-1,45

pH (concentrate): 8,5

Org. solvents (weight%): 0

Water (weight%): < 50

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### 10. STABILITY AND REACTIVITY

Stable at normal handling. At high temperatures health-endangering decomposition products such as carbonmonoxide and carbondioxide may occur.

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### 11. TOXICOLOGICAL INFORMATION

#### Acute

##### Inhalation

Prolonged use in small, closed rooms may cause malaise. Inhalation of spray mist may cause damage to the lungs.

##### Ingestion

Ingestion of large quantities may cause temporary malaise.

##### Skin contact

Prolonged or repeated contact may cause defatting, drying or irritant dermatitis.

##### Eye contact

May cause eye irritation.

##### Risk of sensitization

Contains Isothiazolinone (BIT, CAS-No. 2634-33-5 and MIT, CAS-No. 2682-20-4) that may cause allergic reaction in contact with skin.

Contains Isothiazolinone (CMIT/MIT, CAS-No. 55965-84-9) that may cause allergic reaction in contact with skin.

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### 12. ECOLOGICAL INFORMATION

The product is not classified as harmful to the environment according to the current legislation. The product should not be allowed to enter drains or watercourses.

#### Ecotoxicity

Ecotoxic information on the product itself does not exist.

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### 13. DISPOSAL CONSIDERATIONS

The product is not dangerous waste. Should be disposed of in accordance with local regulations.

Liquid residues of the product is classified as:

EWC-code: 08 01 12 Waste paint and varnish other than those mentioned in 08 01 11.

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### 14. TRANSPORT INFORMATION

The product is not covered by the rules for transport of dangerous goods by road and sea according to ADR and IMDG.

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### 15. REGULATORY INFORMATION

Hazard symbols

**Hazard designation** It has been assessed that the product shall not be classified as hazardous according to the national classification and labelling rules.

**R-phrases**

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**S-phrases**

(-)

**Other labelling**

VOC limit value (Cat. A/a): 30 g/l (2010)

Product VOC: max. 30 g/l

**Restrictions on use**

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**Training requirement**

No special training is required, but a thorough knowledge of this safety data sheet should be a prerequisite condition.

**Chemical safety assessment**

Chemical safety assessment has not been performed.

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### 16. OTHER INFORMATION

**Sources used**

The supplier's safety data sheets and current legislation.

**Other information**

The safety data sheet is based on EU and national legislation. The user's working conditions are out of our control. The information should be considered as a description of the safety demands put on the product and not as a guarantee of the properties of the product.

**Full text of the R-phrases that are stated in section 3.**

No R-phrases.

**Changes have been made in the following sections:**

9, 11.

Flügger Product Support, Islevdalvej 151, DK-2610 Rødovre Phone +45 7015 1505 Fax +45 4454 1505

Always make sure that this product data sheet is the latest update. The product properties may be changed to keep pace with the technological development. All information is based on the existing legislation, laboratory tests and practical experience.