

Technical Data Sheet

Trennfit Pure

Formwork oil for all types of formwork

The concrete release agent **Trennfit** is the right product for all formwork types and areas of application. An excellent release effect can be guaranteed.



Product

Description

Trennfit Pure is a ready-to-process, sprayable universal release agent based on vegetable oils for absorbent and non-absorbent formwork, well biodegradable.

Usage

Trennfit Pure is used in all concreting work where special attention is paid to environmental protection. When used according to the application guidelines, there is no chalking of the concrete surface.

Trennfit Pure is suitable for absorbent and non-absorbent formwork substrates, such as e.g. rough planed solid wood formwork, plywood formwork, resin-coated formwork beams, steel formwork of all types, as well as plastic-coated and coated formwork.

Characteristics / advantages

- Ready for use
- Little work required to prepare and clean the formwork
- Longer service life

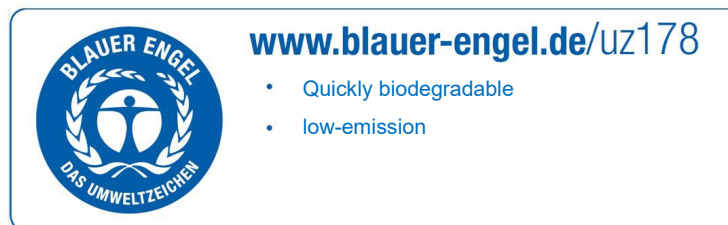
Test Reports

Approvals / Standards

"Blauer Engel" eco-label according to DE-UZ 178

Product Data

Appearance



Packaging	<ul style="list-style-type: none"> ▪ Can: 30 l ▪ Barrel: 200 l 																				
Storage	<p>frost-resistant, down to -20°C</p> <p>(Note: For temperatures as low as 5°C, bring to room temperature before use and then stir. Any flocculation that may occur does not represent a quality defect).</p>																				
Material Properties	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Form:</td> <td>Liquid</td> </tr> <tr> <td>Colour:</td> <td>yellow-ish</td> </tr> <tr> <td>Odour:</td> <td>low odour</td> </tr> <tr> <td>Viscosity:</td> <td>approx. 10 mm²/s at 40°C</td> </tr> <tr> <td>Density:</td> <td>approx. 0.9 g/ccm DIN 51757</td> </tr> <tr> <td>Solubility:</td> <td>practically insoluble</td> </tr> <tr> <td>Shelf life:</td> <td>closed original containers 1 year</td> </tr> <tr> <td>Emulsifiers:</td> <td>not contained</td> </tr> <tr> <td>Wetting agent:</td> <td>not contained</td> </tr> <tr> <td>Nanoparticles:</td> <td>not contained</td> </tr> </table>	Form:	Liquid	Colour:	yellow-ish	Odour:	low odour	Viscosity:	approx. 10 mm ² /s at 40°C	Density:	approx. 0.9 g/ccm DIN 51757	Solubility:	practically insoluble	Shelf life:	closed original containers 1 year	Emulsifiers:	not contained	Wetting agent:	not contained	Nanoparticles:	not contained
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Processing	<p>Trennfit Pure is ready for use and must not be diluted. Formwork surfaces must be clean and dry.</p> <p>Trennfit Pure is applied thinly and evenly covering with the MAX FRANK special sprayer. Application with a brush, cloth or similar is also possible, but the consumption quantities and labour costs are considerably higher. Please note that puddles of excess release agent and lack of release agent due to excessively absorbent formwork must be avoided.</p> <p>New wooden boarding is best pre-treated with cement stillage due to its wood sugar precipitation and then sprayed with Trennfit Pure.</p>																				
Consumption quantities	<p>1 litre Trennfit Pure is sufficient for:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Approx. 60 - 70 m²</td> <td>steel formwork</td> </tr> <tr> <td>Approx. 5 - 15 m²</td> <td>streamlined concrete shape</td> </tr> <tr> <td>Approx. 20 - 30 m²</td> <td>rough wood</td> </tr> <tr> <td>Approx. 25 - 35 m²</td> <td>lathed wood mould</td> </tr> <tr> <td>Approx. 50 - 60 m²</td> <td>coated formwork panels</td> </tr> </table>	Approx. 60 - 70 m ²	steel formwork	Approx. 5 - 15 m ²	streamlined concrete shape	Approx. 20 - 30 m ²	rough wood	Approx. 25 - 35 m ²	lathed wood mould	Approx. 50 - 60 m ²	coated formwork panels										
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Safety

- Water hazard class WGK 1 - slightly hazardous for water.
- Product is not subject to authorisation according to REACH.
- Product disposal: Recover or recycle, if possible. It is the responsibility of the waste producer to determine the toxicity and physical properties of the material produced. In any case, the end user has to determine the correct classification of the waste and disposal methods in compliance with the applicable regulations. Do not discharge into the environment, drains or watercourses.
- EU waste code: 13 02 07 rapidly biodegradable engine, gear and lubricating oils.
- Giscode: BTM 10
- The classification of waste is always the responsibility of the end user.

Environment / Sustainability

The company MAX FRANK GmbH & Co. KG has implemented a certified environmental management system since July 2022.
Please dispose of and recycle the packaging in accordance with the applicable legal regulations.

Ecological quality

Concrete release agents that are used in the construction of concrete building components are classified within the DGNB system in the area "Ecological quality".
An assessment is carried out in quality levels depending on the GISCODES. The higher the quality level, the more positive the influence on a high degree of fulfilment in this category.
The designation Giscode stands for "Hazardous Substance Information System Code" and was developed by the "Berufsgenossenschaften der Bauwirtschaft (BG Bau)". It is a labelling system in which products with comparable health hazards are grouped together.

Quality levels for formwork oils/concrete release agents

GISCODE	Quality level 1	Quality level 2	Quality level 3	Quality level 4	Product group
BTM 01					Concrete emulsions, non-labelled
BTM 05					Concrete release emulsions, containing preservatives
BTM 10	Trennfit Pure	Trennfit Pure	Trennfit Pure		Concrete release agent, non-labelled
BTM 15	Trennfit Pure	Trennfit Pure			Concrete release agent emulsions, allergy hazard due to preservatives
BTM 20	Trennfit Trennfit Super Trennfit Pure				Concrete release agent, low viscosity

Disclaimer / Notes:

The usability of the products in the specific installation situation must be checked by the user. This data sheet is constantly updated. Technical changes are therefore expressly reserved without prior information of the customer. The currently valid version can be found on our website at: www.maxfrank.com. Our General Terms and Conditions of Sale apply in addition.