

## TECHNICAL DATA SHEET

### TRENNFIT

#### Product description:

TRENNFIT is a ready-to-use, solvent and silicone free chemically and physically active mineral-oil based release agent.

The chemical activity is based on a reaction of the release agent additives with calcium hydroxide and aluminium hydroxide. The physical activity is based on the formation of a water-repellent surface film. Thus, the movement of air and water bubbles in the course of concreting is considerably facilitated and results in a non-porous concrete surface. The combination of these properties minimizes the potential for bonding of the concrete to the formwork, making formwork stripping very easy. Thus the formwork is protected and time spent on formwork cleaning is minimized.

TRENNFIT can be used for all general concrete construction, but is not recommended for architectural and white concrete. It has an excellent release action while at the same time ensuring an excellent bond for the subsequent coating of the concrete with plaster.

When applied correctly TRENNFIT helps prevent flouing of the concrete surface.

TRENNFIT meets the requirements of the DBV\* guidelines for release agents.

#### Application:

TRENNFIT is suitable for all formwork types (timber, plywood, plastic formwork and steel, etc.).

#### Technical Data:

Form:	Liquid
Colour:	Yellowish
Odour:	Neutral
Kinematic viscosity:	Approx. 7.5 mm <sup>2</sup> /s at 40°C (kin. viscosity = kinematic viscosity)
Density:	Approx. 0.86 g/cm <sup>3</sup> at 15°C
Basis:	Napthenic, paraffinic mineral oils, containing additives
Solubility:	Insoluble in water
Storage:	Freeze-proof
Shelf life:	1 year in closed original recipient
WGK**:	1, i.e. slightly hazardous to water

\* DBV: Concrete Association e.V.

\*\* WGK: Water hazard class

**Instructions for use:**

TRENNFIT is ready-to-use and must not be diluted. Formwork surfaces must be clean and dry.

A thin film of TRENNFIT should be applied homogeneously over the surface using the FRANK special sprayer. An application by means of a paint brush, normal brush, a cloth or similar is also possible, but the consumption volume and labour costs are significantly higher in this case. It is important to avoid an overdose of the release agent – detectable through puddle formation and an increase in the amount of release agent needed when using absorbent formwork. Due to their wood sugar excretion new timber formwork panels are best pre-treated with laitance and subsequently sprayed with the TRENNFIT concrete release agent until saturation.

**Consumption:**

1 litre TRENNFIT is sufficient for:

approx. 60 – 70 m <sup>2</sup>	steel formwork
approx. 5 – 15 m <sup>2</sup>	smoothened concrete formwork
approx. 25 – 35 m <sup>2</sup>	planed wood
approx. 50 – 60 m <sup>2</sup>	coated formwork panel
approx. 15 – 25 m <sup>2</sup>	rough wood

**Safety and Environmental protection:**

- Not subject to labelling under hazardous materials Ordinances and EU-guidelines
- Not dangerous goods according to UN, IMO, ADR/RID and IATA/CAO
- Water hazard class I, i.e. slightly hazardous to water
- Waste disposal key:
  - Product: 130205
  - Emptied steel container: 150104
- Completely emptied drums and steel containers are taken back by the numerous acceptance places for steel drums of the recycling system for steel packagings Stahl GmbH, Duesseldorf, free of charge. The waste disposal costs are already paid.

**Supplied in:**

30 litre can  
200 litre drum