

TECHNICAL DATA SHEET

TRENNFIT SUPER

Product description:

TRENNFIT SUPER is a ready-to-use, solvent and silicone free chemically and physically active mineral-oil based release agent (WGK I*).

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 SUPPER is suitable for use for all concrete constructions including for architectural and white concrete and when special attention is needed to achieve a homogeneous concrete surface. TRENNFIT SUPER is also very well suited for the manufacture of pre-cast components in heated and unheated formwork.

TRENNFIT SUPER ensures excellent bonding in case of subsequent coating or plastering of the concrete surface.

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

TRENNFIT SUPER is very cost-effective. 1 litre is sufficient for up to 100 m² steel formwork.

TRENNFIT SUPER fulfils the DBV** guidelines for release agents.

Application:

TRENNFIT SUPER is suitable for all formwork types (timber, plywood, plastic formwork and steel, etc.). TRENNFIT SUPER is especially suited for long-term conservation of steel formwork. Moreover, TRENNFIT SUPER has outstanding rust-protection properties and is therefore well suited for maintenance of machines and technical equipment.

Technical Data:

Form:	Liquid
Colour:	Yellowish
Odour:	Low-odour
Kin. viscosity:	Approx. 7.5 mm ² /s at 40°C (kin. viscosity = kinematic viscosity)
Density:	Approx. 0.88 g/ccm at 15°C
Solubility:	Insoluble in water
Basis:	Napthenic, paraffinic mineral oils, containing additives
Storage:	Freeze-proof
Shelf life:	1 year in closed original recipient

* WGK I: 1, i.e. slightly hazardous to water

** DBV: German Concrete Association e.V.

Instructions for use:

TRENNFIT SUPER is ready-to-use and must not be diluted. Formwork surfaces must be clean and dry. A thin film of TRENNFIT B2 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 SUPER concrete release agent until saturation.

Consumption:

1 litre TRENNFIT SUPER is sufficient for:

approx. 80 - 100 m ²	steel formwork
approx. 10 - 20 m ²	smoothened concrete formwork
approx. 30 - 40 m ²	planed wood
approx. 70 - 90 m ²	coated formwork panel
approx. 20 - 30 m ²	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