

Doka-Trenn bio

Release agent for concrete

User Information



98257-200-01

Component overview

Product description	Doka-Trenn bio is a solvent-free, water-immiscible, ready-to-use release agent for concrete formwork based on renewable raw materials.
Special properties	▪ Readily biodegradable, has been awarded the Blue Angel ecolabel according to RAL-UZ 178 and the EU Ecolabel (licence n°: DE/027/268). ▪ Not subject to labelling. Hydrocarbon-free. ▪ Economical in use and therefore particularly cost-effective. ▪ No discolouration of the concrete surface. ▪ There is no waiting time between applying the release agent and pouring the concrete. ▪ No dissolving of painted parts.
Areas of use	▪ All-purpose concrete release agent for timber, plastic and steel formwork. ▪ Also ideal as mixer protection.

Assigning GISCODE classification to DGNB quality levels

The DGNB (German Sustainable Building Council) Criteria Set classifies concrete release agents into four quality levels based on the dimension 'Environmental quality'. The higher the quality level, the more positive the impact on the degree of fulfilment in this dimension.

GISCODE and DGNB quality levels

Name of concrete release agent	GISCODE			DGNB quality levels
	BTM 01	BTM 10	BTM 20	
Doka-Trenn	—	—	✓	1
Doka-Trenn bio	—	✓	—	4
Doka-OptiX	✓	—	—	4

VOC value

Name of concrete release agent	VOC value	Information
Doka-Trenn	0 %	Readily biodegradable.
Doka-Trenn bio	0 %	Readily biodegradable. Blue Angel according to RAL-UZ 178.
Doka-OptiX	0 %	Readily biodegradable.

Technical data

Form, colour, odour	Liquid, yellowish, characteristic
Density	0.89 kg/l
Solubility	Immiscible with water.
Viscosity	14.5 mm ² /s at 20 °C
Consumption	▪ Non-absorbent steel or plastic formwork: approx. 8 g/m² ▪ Absorbent formwork: approx. 30 g/m²

Instructions for use

Surface preparation	▪ Make sure that the formwork is dry and clean. ▪ Remove concrete residues. ▪ Remove rust from steel formwork.
Application	▪ Doka-Trenn bio is ready to use. Do not dilute. ▪ The preferred application method is by spraying (preferably using the Doka sprayer for release agent) with sufficiently high pressure (min. 4 bar, max. 6 bar). Doka-Trenn bio can also be applied with a brush or roller. ▪ Apply with an extremely thin and even spray film.
Application temperature	Sprayable down to approx. -20 °C
Waiting time	▪ Concrete can be poured immediately after applying Doka-Trenn bio to the formwork, or at a later point in time. Protect the release-agent film from weathering. ▪ The release film will not dry hard. The treated formwork must be protected from dirt and rain.
Cleaning of equipment	▪ With oil solvents and fat solvents or commercial industrial cleaners. ▪ Before reusing it, the equipment must be completely dry.
Storage	▪ Store in tightly sealed original containers. Protect from frost. Protect from direct sunlight. ▪ Storage class 10 according to TRGS 510
Shelf life	approx. 36 months

Hazard warnings and safety advices	Not subject to labelling (see Safety Data Sheet).
GISCODE	BTM 10
Transport	Doka-Trenn bio is not classified as a hazardous substance.
Disposal	▪ Dispose of product residues via authorised waste collectors. ▪ Waste code number 54102 pursuant to ÖNORM S 2100. ▪ European Waste Catalogue: 13 02 07 (Oil Wastes and Wastes of Liquid Fuels) ▪ Recycle completely emptied containers.
Measures in the event of an accident	▪ Absorb with liquid-binding material. ▪ Prevent liquid from entering water-courses. ▪ German Water Hazard Class (WGK): 1 slightly water endangering