



Technical Data Sheet

Betopro 333

Concrete release agent

Product :

- concrete release agent

Applications :

- suitable for steel, timber, concrete and plastic moulds
- specially for self-compacting concrete
- heated moulds up to 80 °C
- precast plants

Product features :

- easy to apply, ready-to-use emulsion
- solvent free
- low odour
- readily biodegradable (OECD-301-B)
- non-flammable

Product benefits :

- Betopro 333 creates a uniformly bright concrete surface (conforming to fair-faced concrete standard)
- enables clean and easy removal of the concrete from the mould
- very good adhesion of the release agent to both vertical and horizontal moulds
- the mould is covered with a water-repellent film that provides rust protection
- non-hazardous to health and the environment

Product information :

Basis:	vegetable oil derivatives emulsified in water
Colour:	milk-white
Condition:	liquid, ready to use
Storage:	in closed original container at temperatures above 0 °C; do not expose directly to the sun and extreme temperature fluctuations
Packing sizes:	210 L disposable barrel, 1,000 L container
Disposal:	comply with applicable laws and regulations
Shelf life:	at least 9 months after production date

Technical properties :

Density:	approx. 0,97 kg/L +/- 0,02 (at 15 °C)
Flame point:	non-flammable (main constituent: water)
Processing temperature:	> 0 °C

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Handling information :

Betopro 333 is a ready-to-use emulsion; it should not be mixed with other products. Spray the release agent thinly and evenly (in regular strips) onto the dry, cleaned mould.

We recommend a Mesto stainless steel hand sprayer equipped with a TG 1.0 full-cone nozzle.

Set the working pressure to 3 to 4 bars.

Betopro 333 is very well-suited to automatic spraying systems. Please contact one of our service managers to define the settings of your specific system.

Fine white droplets form as a result of applying the release agent to the mould. No subsequent wiping required.

Do NOT start pouring concrete until the white droplets have disappeared completely and a transparent release agent film has formed on the surface.

LEGAL NOTICE/DISCLAIMER:

The information provided in this technical data sheet reflects the knowledge and expertise of Ecoratio as at the date when this document was prepared. The information contained herein should be merely considered a guideline regarding the product characteristics of Betopro. No legally binding commitment to specific properties or characteristics of Betopro may be derived from this document because deviations may occur when using Betopro due to varying materials, bases or substrates and working conditions. This information may not give rise to any warranty of, or liability for, any work result unless there is evidence of wilful intent* or gross negligence** on the part of Ecoratio.

A preliminary test must always be carried out to determine the suitability of Betopro in each specific case. If Ecoratio is to perform this test, the client must provide Ecoratio with any and all information and documents required for this test voluntarily and in a timely manner.

The client is solely responsible for ensuring compliance with any and all local laws and regulations pertaining to the product and its use, hygiene and health and safety.

In addition, any and all legal relationships between the product user and Ecoratio are subject to the General Conditions of Sale and Delivery of Ecoratio, as amended. Since Ecoratio reserves the right to change or modify the content of its technical data sheets, clients must ensure that they obtain the most recent version of the data sheet. The General Conditions of Sale and Delivery shall take precedence over the information contained in this data sheet.

* wilful intent within the meaning of "opzet" under Dutch law

** gross negligence within the meaning of "bewuste roekeloosheid" under Dutch law

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