



BTM Bio Release Concentrate

Biodegradable release concentrate

Availability	
Quantity per pallet	24
Size / Quantity	
Type of container	Tin canister
Container code	30
Art. no.	
1108	■

Application rate

Dependent on application and formwork surface:
As formwork oil: approx. 1 l concentrate / 200 – 300 m² depending on the absorbency
As bitumen release agent: approx. 1 l concentrate / 30 – 50 m²



Range of use

- Absorbent and non-absorbent formwork substrates
- Heated formwork up to +70 °C
- Release agent for hot bitumen



Property profile

- Universal use with a wide range of formworks
- Excellent release action, weather-resistant and non-damaging to the formwork
- Application by brush or spraying
- Economical use thanks to application-specific dilution
- Biodegradable
- Low odour

Characteristic data of the product

Density (20 °C)	0.92 g/cm ³
Flash point °C	> 200
Consistency	liquid
Colour	yellowish brown

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

Certificates

- [BTM application matrix](#)

Preparation

- Substrate requirements
Clean any dirt or wax off the formwork.
- Substrate preparation
Before using new wooden formwork for the first time, coat with a sufficient quantity of cement paste. Brush off the next day and treat with release agent.

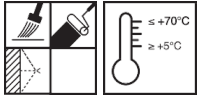
Production of the mixture



Emulsify concentrate with water (strong water jet, stirring).
Dilute according to formwork surface:
- dry wood formwork 1:20 to 1:50
- moist wood formwork 1:10 to 1:20
- non-absorbent formwork 1:5 to 1:10
- as a release agent for bitumen 1:5 to 1:20



Directions



■ Conditions for use

Temperature of the material, air and substrate: from min. +5 °C to max. +70 °C.

Apply a thin layer of the material.
Make sure that no pools form.

Notes

When using on fair-faced concrete surfaces according to the DBV (German Institute for Concrete) data sheet, set up a trial area depending on the fair-faced concrete class.
Remove all material residue from the concrete surface before applying any coatings.
Deviations from applicable regulations must be agreed separately.
The relevant test certificates must be observed when planning and carrying out work.

Tools / Cleaning

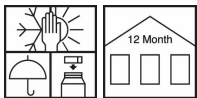


Low-pressure spraying equipment, flat brush, roller, short-bristle broom, rubber scraper, cloth
Clean tools immediately after use with V 101 Thinner.

Remmers tools

- [Gloria Drucksprüher Pro 100 \(4668\)](#)
- [Gloria CleanMaster PERFORMANCE PF 50 \(4666\)](#)
- [Gloria CleanMaster EXTREME EX 100 \(4665\)](#)

Storage / Shelf life



If stored unopened in its original container in a cool, dry place and protected against frost, the product will keep for at least 12 months.

Safety data / Regulations

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.