

Bio Release Agent Data Sheet



Bio Release Agent is a fully biodegradable and environmentally safe release agent for use with Cordek's range of bespoke Infrastructure and Superstructure formwork products.

Bio Release Agent aids formwork striking and eliminates potential formwork surface damage.

Notes: Before using this product ensure that you have been supplied with and have carefully read the Safety Data Sheet.

Bio Release Agent is a very high-performance, low viscosity chemical release agent based on a blend of fatty acids dispersed in a vegetable oil base. It can also be used to prevent concrete build up on plant and machinery via the formation of calcium soaps which act as a protective barrier layer when in contact with cementitious material, avoiding the need to use corrosive acid-based cleaners. Bio Release Agent is fully biodegradable.

Key Features

- Chemical reaction with all cementitious based products.
- Excellent performance to extend drying characteristics but can also be used immediately with no performance loss.
- Suitable for use on all surfaces.
- Lubricates and cleans without the risk of using acid-based products.
- Has excellent rust prevention characteristics.
- Very low odour and zero VOC's.

Product Size

Bio Release Agent is available in a 5L acontainer.

For further information on the full range of Infrastructure and Superstructure Formwork, please contact the Cordek technical team on 01403 799600, techsupport@cordek.com or consult our website at www.cordek.com.

Installation

Release Agent

- As a high-performance release agent, apply as a thin mist to the formwork using a standard hand sprayer. Concrete casting can commence immediately or be delayed for many hours with no loss of performance or quality of finish.

Plant Protection

- For maintaining and protecting equipment, first ensure that the surface to be treated is dry and clean: then apply Bio Release Agent as supplied using a standard hand sprayer or roller.

Coverage

- Depending on the porosity of the surface application rates upwards of 40m² per litre can be achieved.

Storage

Bio Release Agent is a biodegradable vegetable-based product and although there are no specific storage requirements, the product should be protected from frost, and containers must be kept sealed after use. The product may require mild agitation before use if stored for more than 6 months.

Shelf Life

12 months from date of manufacture.

