

ADMIXTURES

CONCRETE MOULD RELEASE AGENT - VEGETABLE OIL EMULSION



PRODUCT FEATURES

- ▶ Suitable for use with all formwork types
- ▶ Improves facing quality
- ▶ Controlled, optimized consumption

CONSUMPTION

- ▶ 30 to 50 m² per litre

REFERENCE DOCUMENT

- ▶ 2015 SYNAD classification for mould release agents

PACKAGING

- ▶ 20 litre container
- ▶ 215 litre barrel
- ▶ 1000 litre drum

STORAGE

- ▶ **6 months** from date of manufacture if stored in unopened original packaging in dry, frost-free conditions and away from high temperatures and heat sources

WARRANTY

- ▶ Manufacturer's liability

TECHNICAL ASSISTANCE: ParexGroup S.A. will, on request, provide information and assistance to companies in relation to the specific use of a product. Such assistance shall not be assimilated with structural design and conception, nor the compliance of substrates, nor as a control of usage rules in force.

TECHNICAL DATA SHEET ISSUED - September 2017

The information provided in this document results from our knowledge of the products and our experience. Prior to application, customers and users are requested to check that they are in possession of the latest version of this document. Please check for updates at www.parexlanko.com.

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PAREXLANKO

358 LANKODEM BIO



DESCRIPTION

- Solvent-free, ready-to-use mould release agent made purely from biodegradable plant matter.
- When sprayed onto the surface of a metal or plastic mould or wooden formwork, provides quick, clean & easy release of dry concrete.
- **358 LANKODEM BIO** improves facing appearance and quality. Its white colour makes it easy to immediately see where it has been applied and thus reduce the risk of over/underloading.

USES

- Designed for worksite use
- Traditional vibrated concrete
- Architectural concrete
- Standard and steam-cured concrete

ASSOCIATED COATING MATERIALS

- Render
- Paint
- Users must comply with standard professional practices for the application of covering materials.

SPECIFICATIONS

- **Appearance:** white liquid
- **Density:** < 1
- **Flash point:** > +100°C
- **Freezing point:** - 2°C
- **Kinematic viscosity at 20°C:** 15 mm²/s (cSt)
- **Biodegradability:** > 60% at 28 days, in compliance with EN ISO 9408 – OECD guideline 301 F
- **Non-flammable, non-toxic**
- **SYNAD classification:** Vegetable Oil Emulsion

INSTRUCTIONS

PRODUCT APPLICATION

- Spray evenly onto the surface of the mould or formwork to form a thin, continuous, even film.
- The nozzle should be held at a distance of 1.50 m from the formwork during application.

EQUIPMENT

- Recommended nozzle type: TP 110 01.
- Pressure: 3-4 bars.

2015 SYNAD CLASSIFICATION FOR MOULD RELEASE AGENTS

Fire safety		☹☹
Users / Environment	Health	☹☹☹☹
	VOC	☹☹☹
	Biodegradability	☹☹☹

☹ Favourable criteria ☹ Unfavourable criteria

Compliance with acceptable PCB content in accordance with legislation in force (EC Directive 85/467/EEC dated 1st October 1985, recorded in official journal L269 dated 11 October 1985).

PRECAUTIONS

- Temperature range for use: + 10°C to + 35°C.
- Do not mix with other oils.
- Clean spraying equipment thoroughly prior to using **358 LANKODEM BIO**.
- If the product becomes frozen, thaw out and mix thoroughly but gently prior to use.
- Wear protective clothing and eye protection to prevent skin and eye contact.
- For synthetic or PU substrates, users are advised to carry out a compatibility test in advance.
- Refer to the Safety Data Sheet.