



BioPrem

A bio-degradable, non-soluble, vegetable based release agent for conventional jobsites and pre-cast industry.

Features

- Environmentally friendly product that is non-toxic
- Suitable for water retaining structures
- Suitable for formwork with many angles
- Ready to use product

Benefits

- Temporarily protects metallic formwork from corrosion and extends the life of the formwork
- Reduces imperfections and surface damage
- Does not stain or affect the colour of the concrete
- Does not affect the adhesion of subsequent finishes and coatings
- Water repellent and not effected by rain
- Does not modify cement hydration

Technical Information

PARAMETER	TYPICAL VALUE
Appearance	Translucent amber liquid
Specific Gravity	0.85 – 0.90

Directions for use

Before application

1. Formwork must be stripped and cleaned of concrete and oil deposits.
2. Any degreasing cleaning agent will facilitate the cleaning process.
3. Apply before concreting starts and reinforcement is fixed and as near as possible to the first concrete pour.
4. Usually applied with a high pressure oil sprayer, but is also applied with a short hair enamel paint roller, in a continuous film as thinly as possible.

After application

1. Remove excess oil with a rag.
2. Formwork should be re-coated if casting is scheduled more than 2 days after BioPrem is applied.
3. After the formwork has been used, BioPrem should be applied immediately to protect the formwork from mould or rust.

Coverage

Coverage depends on how much the mould absorbs and on the method of application.

Metallic/plastic formwork:
45 m² per litre.

Wooden formwork:
25 – 35 m² per litre.

Precautions

- This product should not be applied under a temperature lower than 10°C.
- Avoid excessive application.
- Prevent and remove excess dust from accumulating on the surface of the formwork.

Product Packaging

Available in bulk, 1,000 litre IBCs, 210 litre drums and 25 litre jerry cans.

Product Storage & Shelf Life

BioPrem has a shelf life of 8 months in original, unopened packaging. Store between 5°C and 25°C away from direct sunlight. Viscosity will vary with temperature.

For Industrial Use Only. Not for internal consumption.
Consult SDS for safety and regulatory information.

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