

BIOLEASE™

Water Based Concrete Mould Release Agent

Description

A specially formulated mould release agent designed for use on all types of formwork to give an excellent release and a first class finish. This product is water based, non-flammable and consists of a blend of fatty acid esters emulsified in water using biodegradable surfactants..

Advantages

- Non-toxic, non-flammable, biodegradable formulation.
- Biolease is unaffected by rain or frost and may be applied either immediately before casting or treated forms may be left for several days before concreting.
- The reproduction of difficult features is readily achieved.
- Compatible with most types of formers, i.e. wood, metal, concrete and composites.
- Metal and timber forms are temporarily protected from the weather.
- Incidence of blow holes and surface crazing are substantially reduced.
- Concrete cast with Biolease requires no further treatment other than a light brushing prior to the application of plasters, adhesives, mortars, surface coatings and penetrating systems such as silane.
- Ideal for use in confined spaces or in precast and industrial operations where prestressed or heated systems are involved.
- User and environmentally friendly.
- Approved by WRAS/WRC for use with potable water.

Technical Information

Composition:	Emulsified Fatty Acid Esters
Flash Point:	N/A
S.G. at 20°C:	0.94
Coverage:	10-30 M ² /Litre
Freezing Point:	0°C
Colour:	Off-White
Storage:	6 months in frost free environment.

Biolease has been tested and approved by WRAS/WRC.

Instructions For Use

Preparation:

The form surfaces should be clean but not necessarily dry.

Application:

An even film of Biolease should be applied using traditional spray equipment, pressure 3 - 4 bar.

Packaging

Biolease is available in 25 litre and 210 litre drums and 1000 litre bulk units.

Health & Environmental Considerations

Biolease is produced from a blend of fatty acid esters emulsified using biodegradable surfactants. It is regarded as biodegradable.

Biolease is non toxic and is therefore safer for the operative than more traditional concrete release agents. Biolease will not cause pollution of ground water.

Limitations

The manufacturers do not recommend that formwork be stripped in less than 12 hours unless used in conjunction with an accelerated curing system.

Certain types of rubber and polyurethane may be affected by long term use and we therefore offer a service of testing the compatibility of Biolease with most common mould materials.

Storage

Biolease should be stored in frost free conditions, out of the reach of children and away from foodstuffs.

Shelf life is limited to 6 months.

Health & Safety

Accidental splashes on skin should be removed by washing with soap and water.

Contact with eyes should be avoided and accidental contamination should be washed out and medical attention sought. If swallowed, do not induce vomiting and seek medical aid. It is advisable to wear protective clothing, i.e. gloves, goggles etc.

Technical Support

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors.

Technical representatives are available throughout the UK to provide further information and arrange demonstrations.



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