

BIOREL™ **Bio release agent**



BIOREL™ – Users Manual

BIOREL™ is a ready made emulsion, which ensures its best favourable characteristics when it is filmly applied.

A thickish application may cause some undesired effects like hydorphobility of the concrete – surface etc.

BIOREL™ will not creep like mineraloil based release agents.

This requires a more careful and evenly application

After longtime storage, **BIOREL™** sometimes might get mouldy. To ensure a homogeneous preparedness, please shortly mix or shake it.

BIOREL™ should be applied strongly spread and filmly.

A effective technical equipment and the correct way of applicaton are important parameters for successful results.

The technical equipment should be made of stainless steel.

Stainless steel nozzles block less and are more durable than brazen nozzles.

Best results should be ensured by jet-nozzles with a spray-angel of 60° to 90°

Handsprayers should be equipped with nonreturn valve, filter and clean nozzle.



BIOREL™ should be finely and evenly spread onto the formwork. 1 Liter of **BIOREL™** should cover at least 20 to 30 m² of formwork.

Surplus release-agent should be removed.

For best results, ensure spraying in a 90° angle and look for adequate distance from formwork. The distance should be between 30 and 100 cm.

BIOREL™ should be applied with a pressure of minimum 4 bar. If possible use a pressure between 4 - 6 bar.

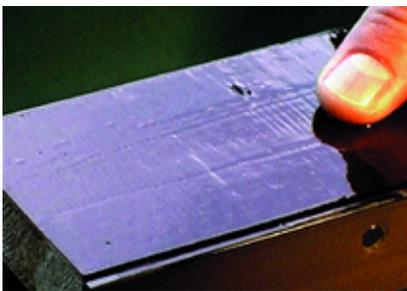
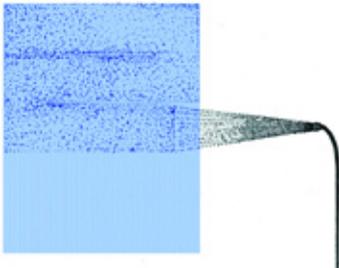
BIOREL™ is a white, milky emulsion, which is easy to observe, where it is already sprayed.

Please spray in regular laps. If the formwork is sprayed carefully, no additional sweeping is necessary. Please remind to spray rough edges and angles. If you spray vertical board structure, please remove puddles.

To ensure best favourable results **BIOREL™** requires a dryingtime of about 20 minutes before concreting. The white drops remove and a filmy, nearly invisible protective film remains. This remaining protectivefilm is rainproof.

If you want to apply **BIOREL™** in drizzle, the formwork should be clammy, but not wet.

Please use **BIOREL™** - Bio release agent only in connection with the relevant MSDS



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