



Ortolan H

(Formerly Known as Nafuplan K)

Highly Concentrated, Water Based, Mould Release Agent

Product Properties

- Allows easy and efficient demoulding of formwork
- Gives demoulded surfaces smooth and free from spots
- Gives efficient adhesion of forthcoming plasters, mortars and paints
- Protects formwork, enhancing its service life

Areas of Application

- Suitable for application on surface like Steel, Plastic, Plywood, Timber etc

Application

General

Ortolan® H is an economical concentrated mould release agent, which is supplied as a water-soluble emulsion. It should be diluted in ratio of 1:6 up to 1:10 with water, prior to application.

The emulsion itself, if not required for immediate use, can stand over long periods of time, but should be thoroughly stirred again before use

Ortolan® H aids in easy and efficient demoulding of formwork and it renders the demoulded surfaces smooth and even. **Ortolan® H** should be applied as a very thin film to avoid the adhesion of the release film to the concrete surfaces.

The shuttering surfaces to be coated should be clean and free from remnants of concrete and cement splashes. The application can be accomplished by means of suitable spraying devices brushes or cotton rags

Advantage

Ortolan® H is specially formulated for application as mould release agent on both absorbent and non-absorbent form works. **Ortolan® H** in diluted consistency is also suitable. The surfaces of concrete demoulded are smooth and free from spots

After application, and before placing the concrete, allow the **Ortolan® H** to absorb for approx. 20-30 min.

Ortolan® H, diluted, allows for thin and even application of the material to the shuttering surfaces, thereby avoiding the possibility of the adhesion of the applied release film to the concrete surfaces. This allows for efficient adhesion of forthcoming plasters, mortars and paints

The coated surfaces should be protected from rains until the concreting begins. If kept dry the release properties of the **Ortolan® H** coated shuttering are not impaired much. However, it is advisable to protect the coated surfaces from intense sun, heat and dust

During Its application on non-absorbent formwork like plastic, steel etc. allow it to dry completely before concreting. Its drying time may vary as per the Ambient and Surface temperature

Instructions for use

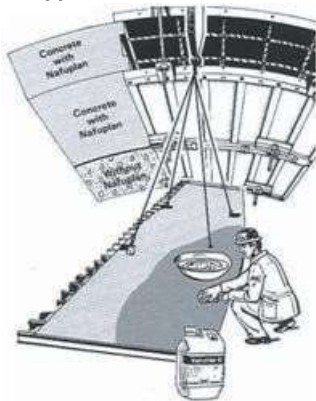
Ortolan® H should be diluted with water, prior to application, in a ration of 1:6 up to 1:10. In case of plywood, dilution ratio should not exceed 1:6 the dilution process should be carried out by slowly pouring **Ortolan® H** in the measured amount of water simultaneously stirring the resulting solution. The stirring should be continued until even dispersion is obtained and the solution is homogeneous

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Further Instructions / Precautions

Application of Ortolan® H



Difference of Concrete Textures between Full Oil and Chemical Emulsion Mould Release Agents



Technical Data for Ortolan® H

Characteristic	Unit	Value*	Comments
Density	Grams / cm ³	0.85	± 0.02
Consumption	m ² /Liter	15 - 25	Depends on surface absorption (after diluting with 6part of water with 1-part of Ortolan H)

*All the technical Values were determined in laboratory, at a temperature of 20° C and 65% relative humidity

Product Characteristics for Ortolan® H

Type of Product	Highly concentrated mould release agent
Form	Liquid Emulsion
Colour	Light Yellow
Shelf Life	12 Months from date of Manufacture
Delivery	200 liter drums
Storage	In Unopened Packaging. Protect from Rain, Direct Sunlight, Heat and Frost
Disposal	Empty packs completely and dispose off carefully to protect our Environment

Safety Advice

Please Take notice of the safety information and advice given on the packaging labels, safety information sheets and General Application Advice.

Note: - The information on this Data Sheet is based on our experiences and correct to the best of our knowledge. It is However, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our Data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale -delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are binding if given in written form. The accepted engineering rules must be observed at all times.

Edition: - MC/IND/190612, Some Technical Changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.