

# MasterFinish<sup>®</sup> 226

Surface consolidation agent with de-moulding properties

## DESCRIPTION

**MasterFinish 226** is a water-based, non-toxic surface consolidation agent with excellent form release properties. It has been formulated to reduce or eliminate surface imperfections in superplasticised pour in place concrete, pre-cast and pre-stressed concrete.

**MasterFinish 226** also gives easy and complete release of concrete when applied to most types of form liners.

## RECOMMENDED USES

All types of formwork including wood, steel, polyester or plywood where good surface finish and optimum release is required.

## FEATURES AND BENEFITS

- Reduces repair cost associated with touch-ups to remove surface defects.
- Non-staining properties is suitable for very light coloured surfaces.
- Optimum release of formwork is ensured.
- Milky white appearance after adding with water aids in reducing overlapping during application.
- Reduces the need to clean forms frequently.
- Promotes easy and efficient stripping of forms.
- Promotes a better and safer working environment.
- Suitable for use indoors and outdoors.
- Improves concrete surface by reducing surface voids pinholes and defects greasy stains.
- Easy and inexpensive to apply by spray.
- Reduces rusting of steel forms.
- High flash point reduces risk of fire.

## APPLICATION

**MasterFinish 226** after dilution with water to the appropriate ratio, can be applied by sprayer, brush, broom or roller on any type of forms except rubber lined. It is essential that **MasterFinish 226** forms a stable emulsion and not separate layers when mixed with right ratio of water to obtain full releasing effect.

When spraying with central inlet pipe system, the equipment must be clean with hot water to remove previous conventional mould releasers.

When spraying with a portable hand gun, the optimum nozzle size is 0.65mm. Best results are obtained with an oval orifice.

During spraying, it is essential to maintain a pressure of 6 bars and that the gun, especially the nozzle is completely tight to avoid dripping. The spray gun should be clean or left in a bucket of water after use. If left unused for a few days the nozzle may block.

When spraying **MasterFinish 226**, a more coarse drop formation is observed compared to conventional oil based mould releasers. This helps to reduce the risk of spray mist entering the respiratory system.

The spraying should be done at a suitable distance of 40 to 50 cm from the mould so that the **MasterFinish 226** is evenly distributed in a uniform film on the mould.

Initially the spray applied emulsion is whitish and it is relatively easy to observe dosage and coverage. The whitish colour will gradually disappear. The resultant film is water repellent.

**MasterFinish 226** when applied in thin layers provide best possible results.

## DOSAGE

**MasterFinish 226** can be diluted up to a ratio of 1 part to 4 parts of water. When applied by spray, a constant 6 bar of pressure should be used. The coverage rate is 40-60m<sup>2</sup>/litre.

## PACKAGING

**MasterFinish 226** is available in 20L pail, and 205L drum.

## SHELF LIFE

**MasterFinish 226** can be stored for 12 months if stored at temperatures above -5°C and below 43°C in tightly sealed original drums. If found to be frozen, thaw it and reconstitute by stirring.



We create chemistry

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## PRECAUTIONS

**Health :** MasterFinish 226 does not contain any hazardous substances requiring labelling.

It is safe for use with standard precautions followed in the construction industry, such as use of hand gloves, safety goggles, etc.

For detailed Health, Safety and Environmental Recommendations, please consult and follow all instructions on the product Material Safety Data Sheet.

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### STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this BASF Construction Chemicals publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

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### NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by BASF Construction Chemicals either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not BASF Construction Chemicals, are responsible for carrying out procedures appropriate to a specific application.

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