

Technical data sheet **CHRYSO® Dem WP**

Release agent – delayed, wax based, for coffer moulds



Description

CHRYSO® Dem WP is a wax based release agent that is specially designed for casting concrete in 'coffer' type formwork for concrete slabs.

Advantages

- Specially designed for casting concrete in 'coffer' type formwork for concrete slabs.
- Easy shutter release once the concrete has set; without causing damage to the concrete and formwork.
- Reduces labour costs by minimising the cleaning of formwork due to the fact that concrete does not stick onto the forms.
- Does not stain or affect the colour of the concrete.
- Does not affect the adhesion of subsequent finishes and coatings. Plaster, paint and other coatings may be applied subsequently.
- Water repellent and not affected by rain
- Does not modify cement hydration
- Ready to use product – far more convenient and reduces the likelihood of errors that can occur if mixing is required.

Physical and chemical properties

- Physical state (@25°C): thick wax
- Colour: creamy yellow
- Flash point: 200°C
- Not water miscible

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Application guidelines

Uses

- Ready to use
- Specifically formulated for coffer moulds
- Can be used on shutter board, fibreglass and plastic formwork

Directions

- **Before application**
 - Coffers moulds must be stripped and cleaned of concrete and oil deposits.
- **CHRYSO® Dem WP** can be applied with a rag or brush.
- **CHRYSO® Dem WP** must be applied in a continuous film, as thinly as possible.
- **After application**
 - Remove excess oil with a rag.
 - Concrete can be cast into the mould immediately after application.
- **Coverage**
 - Coverage depends on how much the mould absorbs and on the method of application.
 - Wooden formwork: 3 - 4 m²/ 1ℓ

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.

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Storage

- If in the original sealed packaging, **CHRYSO® Dem WP** has a shelf life of up to 24 months from the date of manufacturing.
- Should the product freeze, it will recover its properties after thawing and agitating.
- Avoid storing **CHRYSO® Dem WP** in direct sunlight
- Avoid direct contact with water (especially rain water)

Packaging

- 25ℓ non returnable container
- 200ℓ non returnable container
- Bulk tanker loads

Health and safety

This product is classified as combustible and ecotoxic. **CHRYSO** will provide onsite assistance when requested. Refer to the material safety data sheet.

Disclaimer: The information contained in this document is given to the best of **CHRYSO's** knowledge and is the result of extensive testing. However, this document will not under any circumstances be considered as a warranty involving **CHRYSO's** liability in case of misuse. Tests should be carried out before any use of the product to ensure that the methods and conditions of use of the product are satisfactory. **CHRYSO** specialists are at the disposal of the users in order to help them with any problems encountered.