

Technical data sheet

CHRYSO® Dem Oleo PW

Release agent - Wax based,
for conventional jobsites

Description

CHRYSO®Dem Oleo PW is a wax based delayed release agent for plastic and fibreglass coffers on conventional jobsites.

Advantages

- Easy formwork release - temporarily protects and extends the life of moulds
- Specially designed for casting concrete in 'coffer' type formwork for concrete slabs - will not damage coffers.
- Ready to use and quick demoulding.
- Reduces the likelihood of imperfections and surface damage (particularly blow holes) to the concrete, creating more durable, blemish free and consistent concrete surfaces
- Does not affect the adhesion of subsequent finishes and coatings. Plaster, paint and other coatings may be applied subsequently
- Does not stain or affect the colour of the concrete, when applied correctly
- Does not modify cement hydration when applied correctly
- Water repellent and not affected by rain

Application guidelines

Use

Suitable for the following formwork:

- Fiberglass
- Plastic

Physical and chemical properties

- Physical state (@ 25 °C): thixotropic paste
- Colour: Cream
- Specific gravity (@ 25 °C): 0.835 - 0.865
- pH: 5.5 - 6.5

Directions

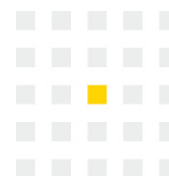
■ Before application

- The formwork must be stripped and cleaned of hardened concrete residue, dust, dirt, rust, oil deposits and any form of deleterious substance.
- CHRYSO®Environmentally Friendly Cleaning Agents will facilitate the cleaning process

- CHRYSO®Dem Oleo PW should be applied to the formwork prior to erection of formwork, the fixing of reinforcement and as near as possible to the first concrete pour

■ After application

- The formwork should be re-coated if casting is scheduled more than 2 days after CHRYSO®Dem Oleo PW has been applied
- In the event of exposure to dust and debris, the formwork must be stripped and cleaned. CHRYSO®Dem Oleo PW must then be re- applied
- After the formwork has been used, it should be cleaned and CHRYSO®Dem Oleo PW should be applied immediately to protect it.



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■ Coverage

- When non-spray applicators (paint/block brush, paint roller, mop, broom, cloth, etc.) are used to apply sprayable release agents, a **rubber squeegee** should be used to **remove excessively applied** release agent, **followed by a microfibre mop**
- Plastic/Fibreglass: 10-15 m²

Precautions

- Avoid insufficient or excessive application
- Cannot be applied with a sprayer
- Avoid the accumulation of excessive dust/dirt on the surface of the formwork
- Not suitable for latex & rubber moulds
- Not water soluble
- **CHRYSO®Dem Oleo PW** should not be applied under a temperature lower than 10°C.

Storage

- If in the original sealed packaging, **CHRYSO®Dem Oleo PW** has a shelf life of up to 24 months from the date of manufacturing
- Avoid storing **CHRYSO®Dem Oleo PW** in direct sunlight
- In its stored state, **CHRYSO®Dem Oleo PW** should not come into direct contact with water or rain.

Packaging

- 25 ℓ open top jerry can
- 200 ℓ open top drum
- Delivery on request

Health and safety

- **CHRYSO®Dem Oleo PW** is classified as combustible and ecotoxic at very high temperatures.
- **CHRYSO** will provide onsite assistance when requested.
- For more information refer to the material safety data sheet.

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.