

Technical data sheet

CHRYSO® Dem Oleo RL

Release agent - for decorative concrete

Description

CHRYSO®Dem Oleo RL is a hydrocarbon oil based delayed release agent for most types of formwork excluding metal and wood - for decorative concrete.

Advantages

- Specially formulated for decorative concrete.
- Easy formwork release.
- Ready to use - no additions or dilution required.
- Solvent free and is therefore suitable for rubber, latex, polyurethane, polystyrene and fibreglass formwork.
- 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.
- VOC free - contains no solvents.

Application guidelines

Use

Suitable for the following formwork including:

- Plastic
- Latex
- Polyurethane
- Polystyrene
- Rubber
- Fibreglass

Physical and chemical properties

- Physical state (@ 25 °C): liquid
- Colour: amber
- Specific gravity (@ 25 °C): 0.850 - 0.880
- pH: 5.5 - 6.5
- Viscosity: 10 - 15 secs (Ford # 4 cup)

Directions

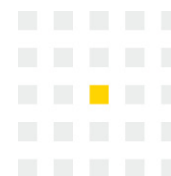
■ Before application

- 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 RL 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 RL has been applied.
- In the event of exposure to dust and dirt, the formwork must be stripped and cleaned. CHRYSO®Dem Oleo RL must then be re- applied.
- After the mould has been used, it should be cleaned and CHRYSO®Dem Oleo RL should be applied immediately to protect the formwork.



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Coverage

- CHRYSO®Dem Oleo RL needs to be applied as thinly as possible to the entire formwork surface, by means of an appropriate pressure spray, paintbrush or roller.
- It is recommended to apply sprayable release agents with a constant pressure sprayer and then to use a microfibre mop over the entire sprayed area, in order to ensure an even film thickness.
- Rubber and latex formwork: 45 m²/1 ℓ

Precautions

- Avoid insufficient or excessive application. Too much is as bad as too little.
- Avoid the accumulation of excessive dust/dirt on the surface of the formwork.
- Not suitable for steam curing.

Storage

- If in the original sealed packaging, CHRYSO®Dem Oleo RL has a shelf life of up to 24 months from the date of manufacturing.
- Avoid storing CHRYSO®Dem Oleo RL in direct sunlight.
- In its stored state, CHRYSO®Dem Oleo RL should not come into direct contact with water or rain.
- Should the product freeze, it will recover its properties after thawing and agitating.

Packaging

- 25 ℓ jerry can
- 200 ℓ drum
- 1000 ℓ flow bin

Health and safety

- CHRYSO®Dem Oleo RL is classified as ecotoxic.
- 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.