Technical data sheet
CHRYSO® Dem Oleo WB

Release agent – Wax based, for brick manufacturers and conventional jobsites

Description

CHRYSO®Dem Oleo WB is a wax based delayed release agent for wooden formwork on conventional jobsites and for wooden pallets for brick manufacturing.

Advantages

- Easy formwork release - temporarily protects and extends the life of veneer laminated shutter boards.

- Shutter boards can handle a minimum of 6 casts before it is laminated again.

- Can also be used to coat pallets for protection when stacking bricks on them.

- Ready to use - reduces the likelihood of errors that can occur if dilution is required.

- 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.

Application guidelines

Use

Suitable for wooden formwork including:

- Wood (timber/plywood/resin ply/shutter board).

Physical and chemical properties

- Physical state (@ 25 °C): liquid
- Colour: amber
- Specific gravity (@ 25 °C): 0.835 – 0.865
- pH: 5.5 – 6.5
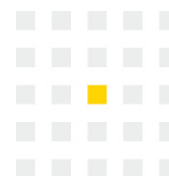- Viscosity: 10 - 15 secs (Ford # 4 cup)

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 WB** 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 WB** has been applied

  - In the event of exposure to dust and debris, the formwork must be stripped and cleaned. **CHRYSO®Dem Oleo WB** must then be re- applied

  - After the mould has been used, it should be cleaned and **CHRYSO®Dem Oleo WB** 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** to achieve the same as above.

- Wooden formwork: 25 – 35 m^2/ 1 ℓ.

Precautions

- Avoid insufficient or excessive application

- Avoid the accumulation of excessive dust/dirt on the surface of the formwork

- Not suitable for spray application

- Not water soluble

- This product should not be applied under a temperature lower than 10˚C.

Storage

- If in the original sealed packaging, **CHRYSO®Dem Oleo WB** has a shelf life of up to 24 months from the date of manufacturing

- Avoid storing **CHRYSO®Dem Oleo WB** in direct sunlight

- **In its stored state, CHRYSO®Dem Oleo WB** 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

- Delivery on request

Health and safety

- **CHRYSO®Dem Oleo WB** is classified as combustible and ecotoxic.

- **CHRYSO** will provide onsite assistance when requested.

- For more information refer to the material safety data sheet.

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