

# MOULD RELEASE AGENTS



# Mould release agents range



With more than **50 years of know-how**, CHRYSO has developed a complete range of user-friendly release agents for all types of precast concrete moulds. CHRYSO offers a complete range of products, and supports its customers towards the use of **user-friendly release agents** or with an **improved EHS profile**, while maintaining a **high level of performance**.



## DRY CAST CONCRETE

CHRYSO solutions for dry cast concrete make it possible to maintain a fast production rate while preserving the surface finishing of the concrete elements. Historical solutions contain mineral solvents.



## WET CAST CONCRETE

CHRYSO is offering demoulding agents with an optimised EHS profile and high quality surface finishing, while considering the spraying conditions.

## BENEFITS



### Quality of the surface finish

Differentiation by the appearance of concrete



### Protection of the moulds

Reduced maintenance costs



### High EHS profile

Protection of users



### Consumption optimisation

Reduced costs and environmental impact

# Performance

## A MULTITUDE OF CRITERIA IMPACT THE PERFORMANCE OF THE RELEASE AGENTS:

- The nature of the formwork
- EHS Criteria requirements
- The need to protect formworks from corrosion
- The conditions of application (wind, outside temperatures ...)
- The concrete pouring process (formwork height, vibration, concrete introduction method, etc.)



# Production

## SPECIFIC NEEDS TO OPTIMISE PRECAST CONCRETE PRODUCTION:

- The right fatty components, allowing the product to stick to the mould, and influence the resistance to steaming
- Solvents, providing wettability, specific to each use (wet cast or dry cast demoulding)
- Specific additives to improve non-adhesion, and additional functions such as anti-corrosion

## Vegetable

mould release agents



Using components from the industry (rapeseed, sunflower, etc.), vegetal mould release agents have the advantage of offering a good EHS profile, high coating quality and ease of spraying. CHRYSO offers a complete range of mould release agents suitable for each use.

## Synthetic

mould release agents



Using components from a selection of refined mineral components, the synthetic-based release agents have as characteristics a wide range of applications, resistance to steaming and high coating quality. CHRYSO mould release agents are particularly differentiated by their robustness to all application conditions.

## Mineral

mould release agents



Composed mainly from new or recycled mineral elements, mineral release agents allow cost optimization and can be applied on many substrates.

Learn more on:



**CHRYSO Southern Africa (Pty) Ltd.**

Gauteng (Head Office) • 26 Malcolm Moodie  
Crescent • Jet Park • 1469  
Tel: +27 (0) 11 395 9700  
[za.chryso.com](http://za.chryso.com) • [www.gcpat.com](http://www.gcpat.com)

**CHRYSO Eastern Africa (Pty) Ltd.**

Kibhare Centre • Mombasa Road  
Nairobi • Kenya  
Tel: +254 725 041 526  
[ke.chryso.com](http://ke.chryso.com)