



Chryso® Dem Release agents portfolio

The Chryso expertise

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 formworks.

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 surface finish of concrete elements.

WET CAST CONCRETE



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

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 mixing sequence, etc.)

Production

CAREFULLY SELECTED OILS, ALLOWING BEST ADHERENCE OF THE RELEASE AGENT ON FORMWORK, AND IMPROVE ITS STEAM CURING RESISTANCE.

- The right fatty components, allowing the product to stick to the mould, influence the resistance to steaming and sprayability
- 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

Vegetal

Synthetic

Recycled

BENEFITS



Quality of the surface finish

Differentiation by the appearance of concrete



Protection of the moulds

Reduced maintenance costs



Improved EHS profile

Protection of users and environment

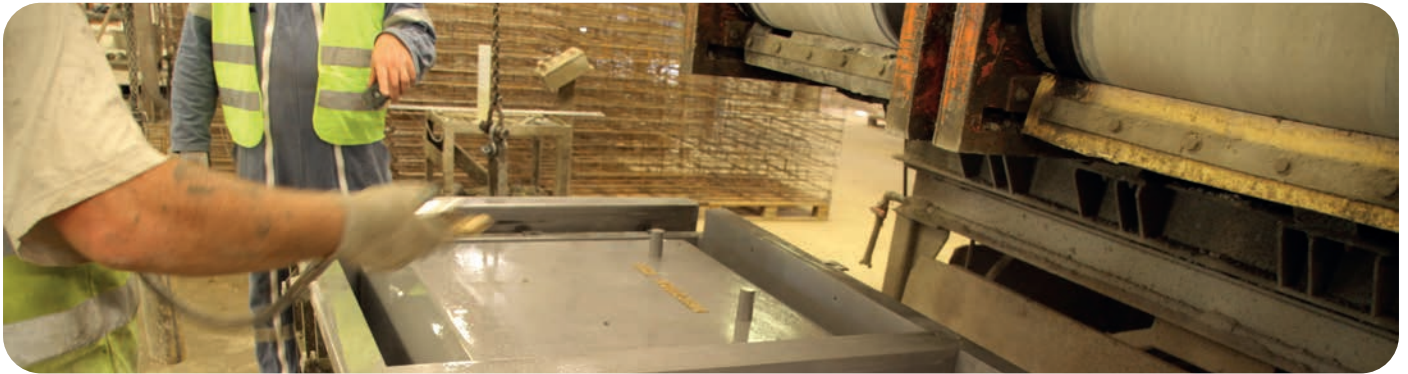


Consumption optimisation

Reduced costs and environmental impact

Services Pack

- **Reduce your release agent consumption**
- **Enhance the quality** of your concrete elements
- **Optimize** preparation and cleaning times of your formwork:
 - during the application of the release agent
 - during cleaning
- **Reduce time exposure of your team**



The first service dedicated to enhancing your release agent application process

Chryso®Pack Adequa'Dem is a service that leverages Chryso's full expertise to improve your daily production.

Enhance the surface quality of your concrete elements

With Chryso®Pack Adequa'Dem, you control the quantity of release agent applied to your formwork for optimal performance, ensuring the highest possible surface finish quality with Chryso®Dem products.

Optimize your time

Applying the correct amount of release agent to the mold saves time:

- during formwork preparation—no need to remove excess,
- during cleaning, with a reduced risk of fouling.

Reduce your release agent consumption

Chryso®Pack Adequa'Dem enables you to cut your release agent consumption by up to 60% through a comprehensive review of your entire process.

Choose a solution with an improved HSE profile

Our experts can also advise you on selecting oils that are safer for users, while taking your technical and economic requirements into account.



**With Chryso®Pack Adequa'Dem,
the quality of your production is enhanced
and you achieve significant savings.**

Delayed Release Agents

Vegetal range

Without user and environment constraints.

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.

Vegetal base

Chryso® Dem Evia 110 (Ex Decobio 310)

PRODUCT ADVANTAGES

- Formulated with vegetal components
- Multipurpose
- Easy to spray



QUALITY OF FINISHING



FORMWORK PROTECTION



HSE PROFILE



- Non compatible with PU
- Product containing solvent

Chryso® Dem Evia 115 (Ex Bio 15)

PRODUCT ADVANTAGES

- Formulated with vegetal components



QUALITY OF FINISHING



FORMWORK PROTECTION



HSE PROFILE



- Product containing solvent

Chryso® Dem Evia 141 (Ex Decobio 410)

PRODUCT ADVANTAGES

- Formulated with vegetal components
- Solvent-free formulation
- Good resistance to heat curing



QUALITY OF FINISHING



FORMWORK PROTECTION



HSE PROFILE



- Non compatible with PU



Vegetal oil

Chryso® Dem Evia 320 (Ex Decobio 320)

PRODUCT ADVANTAGES

- Formulated with vegetal components



QUALITY OF FINISHING



FORMWORK PROTECTION



HSE PROFILE



- Non compatible with PU
- Product containing solvent

Chryso® Dem Evia 321 (Dem Bio 21)

PRODUCT ADVANTAGES

- Formulated with vegetal components



QUALITY OF FINISHING



FORMWORK PROTECTION



HSE PROFILE



- Non compatible with PU
- Product containing solvent

Chryso® Dem Evia 501 (Ex Eco 1)

PRODUCT ADVANTAGES

- Formulated with vegetal components
- Solvent-free formulation



QUALITY OF FINISHING



FORMWORK PROTECTION



HSE PROFILE



- Non compatible with PU

Chryso® Dem Evia 530 (Ex Decobio 330)

PRODUCT ADVANTAGES

- Formulated with vegetal components
- Solvent-free formulation
- Lower viscosity for easy implementation



QUALITY OF FINISHING



FORMWORK PROTECTION



HSE PROFILE



- Non compatible with PU

Vegetal emulsion

Chryso® Dem Ekla 12

PRODUCT ADVANTAGES

- Formulated with vegetal components in aqueous phase
- Solvent-free formulation
- High quality surface finish
- Ease of application due to its low viscosity



QUALITY OF FINISHING



FORMWORK PROTECTION



HSE PROFILE



Chryso® Dem Ekla 20

PRODUCT ADVANTAGES

- Formulated with vegetal components in aqueous phase
- Solvent-free formulation
- High quality surface finish



QUALITY OF FINISHING



FORMWORK PROTECTION



HSE PROFILE



Chryso® Dem Ekla 30

PRODUCT ADVANTAGES

- Formulated with vegetal components in aqueous phase
- Solvent-free formulation
- Good resistance to heat curing



QUALITY OF FINISHING



FORMWORK PROTECTION



HSE PROFILE



- Non compatible with PU

Vegetal wax

New!

Chryso® Dem Evia W60

PRODUCT ADVANTAGES

- Vegetal base product
- Good protection against corrosion
- Excellent resistance to abrasion



QUALITY OF FINISHING



FORMWORK PROTECTION



HSE PROFILE



Delayed Release Agents

Synthetic range

Using refined components selected for optimal efficiency.

The synthetic-based release agents have as characteristics a wide range of applications, resistance to steaming and high coating quality.

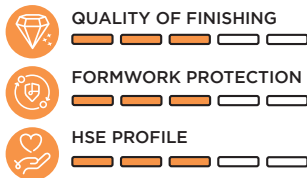
Chryso®Dem release agents are particularly differentiated by their robustness to all application conditions.

Synthetic oil

Chryso®Dem Clarol L50 (Ex Elio P50)

PRODUCT ADVANTAGES

- Multipurpose
- Excellent resistance to heat curing
- Very good quality surface finish

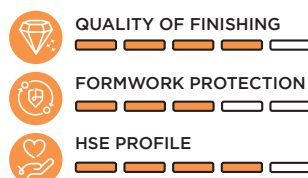


- Test to be performed to ensure the compatibility of synthetic formwork

Chryso®Dem Clarol 451 (Ex Oleo 51)

PRODUCT ADVANTAGES

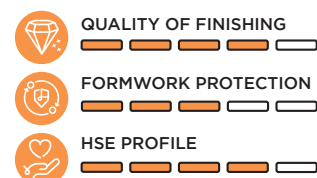
- Multipurpose
- Excellent resistance to heat curing
- Solvent-free formulation



Chryso®Dem Clarol 456 (Ex Oleo 56)

PRODUCT ADVANTAGES

- Multipurpose
- Solvent-free formulation
- Excellent resistance to heat curing

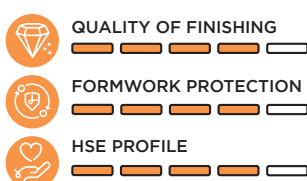


- Non compatible with PU

Chryso®Dem Clarol 622 (Ex Oleo 62)

PRODUCT ADVANTAGES

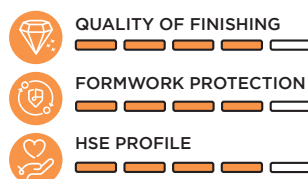
- Multipurpose
- Enhanced corrosion protection
- Solvent-free formulation
- Excellent resistance to heat curing



Chryso®Dem Clarol 640 (Ex Oleo 64)

PRODUCT ADVANTAGES

- Enhanced corrosion protection
- Solvent-free formulation
- Excellent resistance to heat curing

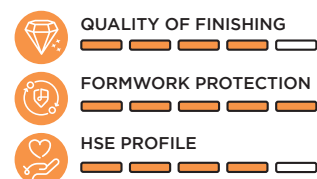


Chryso®Dem Clarol 670

New!

PRODUCT ADVANTAGES

- Enhanced corrosion protection
- Solvent-free formulation
- Excellent resistance to heat curing



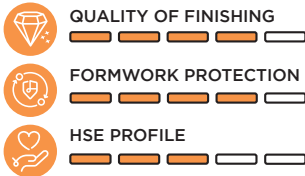
- Adapted for Low-Carbon binders

Synthetic Base

Chryso® Dem Clarol 100 (Ex Clarol 100)

PRODUCT ADVANTAGES

- Multipurpose
- Excellent resistance to heat curing

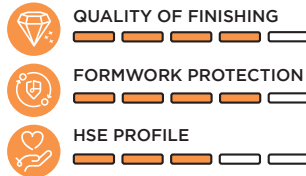


- Non compatible with PU
- Product containing solvent

Chryso® Dem Clarol 200 (Ex Clarol 200)

PRODUCT ADVANTAGES

- Multipurpose
- Excellent resistance to heat curing
- Excellent resistance to abrasion

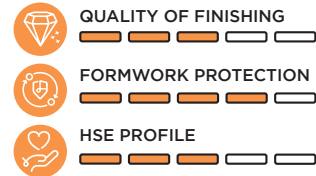


- Non compatible with PU
- Product containing solvent

Chryso® Dem Clarol 300 (Ex Clarol 300)

PRODUCT ADVANTAGES

- Multipurpose
- Excellent resistance to heat curing
- Excellent resistance to abrasion

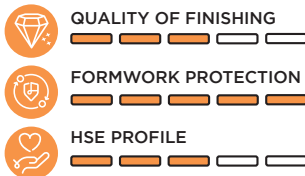


- Non compatible with PU
- Product containing solvent

Chryso® Dem Clarol 650 (Ex Clarol 650)

PRODUCT ADVANTAGES

- Enhanced corrosion protection
- Excellent resistance to abrasion
- Excellent resistance to heat curing

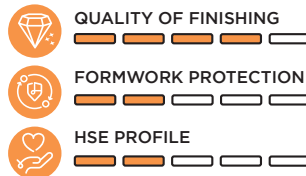


- Non compatible with PU
- Product containing solvent

Chryso® Dem Clarol L20 (Ex Elio 2)

PRODUCT ADVANTAGES

- High quality surface finish
- Excellent wettability
- Formulated with vegetal components

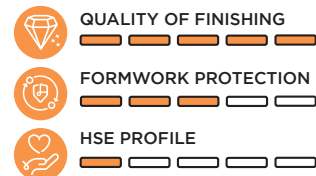


- Non compatible with PU
- Product containing solvent

Chryso® Dem Clarol W31 (Ex Cire E-31)

PRODUCT ADVANTAGES

- High quality surface finish
- Excellent covering ability
- Especially adapted to Self Levelling Concrete

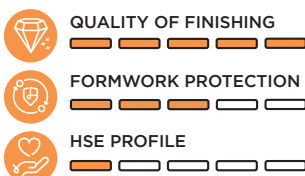


- Non compatible with PU
- Product containing solvent

Chryso® Dem Clarol W32 (Ex Cire C-32)

PRODUCT ADVANTAGES

- High quality surface finish
- Excellent covering ability

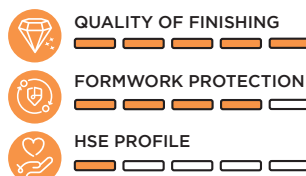


- Non compatible with PU
- Product containing solvent

Chryso® Dem Clarol W52 (Ex Cire C-52)

PRODUCT ADVANTAGES

- High quality surface finish
- Excellent covering ability
- Excellent resistance to abrasion



- Non compatible with PU
- Product containing solvent

Delayed Release Agents

Synthetic range

Synthetic emulsion

New!

Chryso® Dem Aquarol 350

PRODUCT ADVANTAGES

- High quality surface finish
- Excellent covering ability
- Solvent-free formulation



QUALITY OF FINISHING



FORMWORK PROTECTION



HSE PROFILE



Chryso® Dem Aquarol 360

PRODUCT ADVANTAGES

- High quality surface finish
- Excellent covering ability
- Solvent-free formulation



QUALITY OF FINISHING



FORMWORK PROTECTION



HSE PROFILE



- For European market

Wax

Chryso® Dem Clarol W33 (Ex LM-33)

PRODUCT ADVANTAGES

- Enhanced protection against corrosion
- Excellent resistance to abrasion
- Excellent resistance to heat curing



QUALITY OF FINISHING



FORMWORK PROTECTION



HSE PROFILE



Mineral & Recycled range

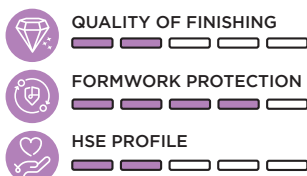
Composed mainly from new or recycled mineral elements, or mineral release agents allow cost optimization and can be applied on many surfaces.

Recycled

Chryso® Dem Elio 230 (Ex LM 230)

PRODUCT ADVANTAGES

- Economical
- Multipurpose
- Excellent resistance to heat curing
- Solvent free

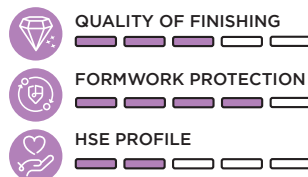


- Non compatible with PU

Chryso® Dem Elio 100 (Ex LM 100)

PRODUCT ADVANTAGES

- Economical
- Multipurpose
- Excellent resistance to heat curing

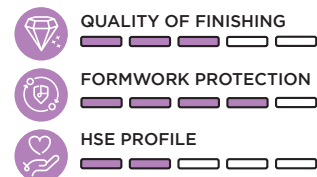


- Non compatible with PU
- Product containing solvent

Chryso® Dem Elio 213 (Ex LM 6-13)

PRODUCT ADVANTAGES

- Economical
- Multipurpose
- Excellent resistance to heat curing

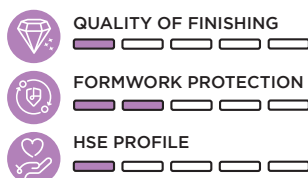


- Non compatible with PU
- Product containing solvent

Chryso® Dem Elio L28 (Ex Elio M28)

PRODUCT ADVANTAGES

- Economical
- Multipurpose
- Excellent resistance to heat curing

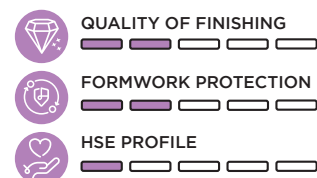


- Non compatible with PU
- Product containing solvent

Chryso® Dem Elio L35 (Ex Elio M35)

PRODUCT ADVANTAGES

- Economical
- Multipurpose
- Low viscosity



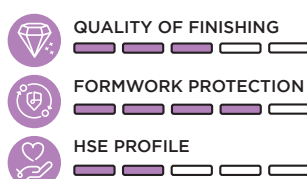
- Non compatible with PU
- Product containing solvent

Recycled emulsion

Chryso® Dem Aqua 10

PRODUCT ADVANTAGES

- Excellent wettability
- Formulated in aqueous phase

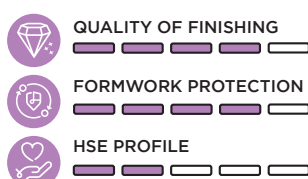


- Non compatible with PU
- Product containing solvent

Chryso® Dem Aqua 80

PRODUCT ADVANTAGES

- High quality surface finish
- Excellent wettability
- Formulated in aqueous phase



- Non compatible with PU
- Product containing solvent

Instant Release Agents



Vegetal oil

Chryso®Dem Evia XF (Ex NATURA XF)

PRODUCT ADVANTAGES

- Optimized for complex mould geometry
- Formulated with vegetal components



QUALITY OF FINISHING



LUBRICATING POWER



HSE PROFILE



- Test to be performed to ensure the compatibility of synthetic formwork
- Product containing solvent

Chryso®Dem Evia XB (Ex NATURA B)

PRODUCT ADVANTAGES

- Optimized for complex mould geometry
- Preserves mould cleanliness by limiting fouling



QUALITY OF FINISHING



LUBRICATING POWER



HSE PROFILE



- Non compatible with PU
- Product containing solvent

Chryso®Dem Evia LYS (Ex Dem Lys)

PRODUCT ADVANTAGES

- Optimized for complex mould geometry
- Formulated with vegetal components



QUALITY OF FINISHING



LUBRICATING POWER



HSE PROFILE



- Test to be performed to ensure the compatibility of synthetic formwork
- Product containing solvent

Synthetic Base

Chryso®Dem Clarol LR (Ex Clarol I-102)

PRODUCT ADVANTAGES

- Optimized for complex mould geometry
- Preserves mould cleanliness by limiting fouling



QUALITY OF FINISHING



LUBRICATING POWER



HSE PROFILE



- Test to be performed to ensure the compatibility of synthetic formwork
- Product containing solvent

Synthetic Oil

Chryso®Dem Clarol XD (Ex Clarol I-160)

PRODUCT ADVANTAGES

- Optimized for complex mould geometry
- Preserves mould cleanliness by limiting fouling



QUALITY OF FINISHING



LUBRICATING POWER



HSE PROFILE



- Test to be performed to ensure the compatibility of synthetic formwork
- Product containing solvent

Chryso®Dem Clarol LG (Ex Dem LG)

PRODUCT ADVANTAGES

- Optimized for complex mould geometry
- Preserves mould cleanliness by limiting fouling



QUALITY OF FINISHING



LUBRICATING POWER



HSE PROFILE



- Test to be performed to ensure the compatibility of synthetic formwork
- Product containing solvent

Chryso®Dem Clarol LX (Ex Dem LX)

PRODUCT ADVANTAGES

- Optimized for complex mould geometry
- Preserves mould cleanliness by limiting fouling



QUALITY OF FINISHING



LUBRICATING POWER



HSE PROFILE



- Test to be performed to ensure the compatibility of synthetic formwork
- Product containing solvent

Equipment Protection



Vegetal oil

Chryso® Care Bio-Tec

PRODUCT ADVANTAGES

- Formulated with vegetal components



CORROSION PROTECTION



HSE PROFILE



Chryso® Eco-Tec Cristal

PRODUCT ADVANTAGES

- Formulated with vegetal components
- B[a]P (Benzo[a]pyrène) < 10 ppb



CORROSION PROTECTION



HSE PROFILE



Synthetic Oil

Chryso® Care Elio-Tec

PRODUCT ADVANTAGES

- No air entrainment in concrete
- Tracing effect on wet substrate
- Solvent-free formulation



CORROSION PROTECTION



HSE PROFILE



Synthetic Base

Chryso® Care Protec

PRODUCT ADVANTAGES

- Excellent covering ability



CORROSION PROTECTION



HSE PROFILE



- Product containing solvent

Recycled

Chryso® Care P302 (Ex TOOL P302)

PRODUCT ADVANTAGES

- Economical
- Enhanced corrosion protection



CORROSION PROTECTION



HSE PROFILE



- Product containing solvent



Visit the webpage



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