

Chryso® Dem Evia 320 (Ex Decobio 320)

Delayed mould release agent
Vegetable based

DESCRIPTION

Chryso® Dem Evia 320 is a ready-to-use mould release agent formulated primarily from vegetal components, designed to facilitate clean and efficient demoulding of concrete and mortar. The product has been specifically developed for use in challenging site and production conditions, including cold weather environments and applications involving strong vibrations. It is suitable for both job site and precast operations, supporting delayed demoulding processes while maintaining the quality of the finished surface. Chryso® Dem Evia 320 can be applied to a variety of substrates, including metallic and wooden formwork, making it a versatile solution across different construction setups.

The formulation is optimised for use with non-heat cured or low heat cured concrete and mortar, up to approximately 40°C. Within these conditions, it ensures reliable and consistent performance when applied correctly. The product is supplied as a liquid and is manufactured under controlled conditions to maintain uniform quality and application behaviour.

BENEFITS

- Enables clean demoulding while preserving surface finish
- Supports delayed demoulding for site and precast use
- Performs well in cold conditions and under vibration
- Compatible with metallic and wooden formwork
- Vegetal-based formulation with proven biodegradability
- Reliable performance within recommended curing temperatures
- Ready-to-use for simple, efficient application
- Promotes consistent results with correct spraying

FIELDS OF APPLICATION

- Concrete or mortar delayed demoulding for job sites and precast applications.
- Suitable for metallic and wood substrates. For other substrates please contact us.
- For non or low heat cured (until 40°C) concrete or mortar. Above that temperature, validation tests should be performed in order to check compliance with the requirements.

INDICATIVE INFORMATION

Product Nature	Ready-to-use liquid
Color	Light to dark yellow
Lifetime	24 months
Biodegradable	>60% at 28 days according to NF EN ISO 9408 - OECD 301 F
Specific gravity	0,900 ± 0,020
Flash Point	> 60 °C

METHOD OF USE

Implementation :

- This product must be evenly applied, preferably by spraying, without under or over-dosage. The quality of application has a direct impact on the surface finish.
- Recommended spraying pressure : 3 to 5 bars.

Equipment :

Recommended equipment for manual spraying: Flat jet nozzle- 80° to 110° angle - 0067 to 01 calibre. The choice of nozzle type (angle and calibre) should be adapted to the formwork configuration, temperature conditions and process.

Consumption :

The consumption of this product depends on the type of substrate and the application process. On an indicative basis, on a non-absorbent substrate, the dosage lies generally within 50 and 80 m²/L.

PRECAUTIONS

The product will not degrade over time, if stored in the original unopened packaging, and in storage conditions defined in this data sheet. Should the product freeze, it will recover its properties. After thawing, an efficient agitation is necessary until the product is entirely homogeneous again.

SAFETY

For further information, please refer to the safety data sheet on

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Kinematic Viscosity mm²/s (20°C)	23,0 mm²/s (cst) ± 4,00
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our internet site www.uk.chryso.com.

The information contained in this document is given to the best of our knowledge and is the result of extensive and controlled testing. However, it cannot under any circumstances be considered as a warranty involving our liability in the case of misuse. Tests should be conducted before the product is used to ensure that the methods and conditions of use of the product are satisfactory. Our specialists remain at the disposal of customers if they require help with the application of the product for their specific needs.

CHRYSO UK Ltd. - 1 Herald Way, Binley Industrial Estate, Coventry, United Kingdom, CV3