

CHRYSO® ColorFresh Intensive

Water-based acrylic varnish

Chryso
Decorative
Concrete

17/10/2024

DESCRIPTION

CHRYSO®ColorFresh Intensive is a solvent free, acrylic based protective coating for concrete.

CHRYSO®ColorFresh Intensive creates a light, silky sheen on the treated concrete surface and enhances colours.

CHRYSO®ColorFresh Intensive is a water, oil and dirt repellent.

CHRYSO®ColorFresh Intensive has been designed for the protection of decorative/architectural/aesthetical concrete and is more specifically used in CHRYSO cementitious micro-topping solutions CHRYSO®Beton Cire and CHRYSO®Proskin.

CHRYSO®ColorFresh Intensive provides a number of long term of benefits and improve the concrete durability.

BENEFITS

- user-friendly (water-based)
- water, oil- and dirt-repellent, weather-resistant
- protects against efflorescence, frost, colour fading
- intensifies concrete colour
- applicable on fresh/green concrete, immediately after surface finishing, e.g. exposed aggregate, acid-etched, sand-blasted, polished ...
- applicable on new and on older surfaces
- suitable for "in-line" application
- no delays prior to application, as no concrete drying time is necessary
- protects against air pollution resp. against corrosion caused by CO²
- long term durability and high resistance to abrasion

PACKAGING

FIELDS OF APPLICATION

- Decorative/architectural/aesthetical concrete
- All absorbent concrete with a fair-faced surface (smooth form finish or form liner textured), or rough finishes (exposed aggregate, acidetched, shot-blasted, bush-hammered ...)
- Indoor and outdoor
- Cast-in-place concrete
- Precast elements, artificial stones, paving blocks
- Cementitious micro-topping
- Horizontal and vertical surfaces

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INDICATIVE INFORMATION

Product Nature	liquid
Color	Milky white
Lifetime	12 months
Water solubility	Soluble
Specific gravity	1,030 ± 0,020
pH	8,00 ± 2,00

METHOD OF USE

- CHRYSO® ColorFresh Intensive is a ready to use product.
- CHRYSO® ColorFresh Intensive should be applied using, in a one coat application, a suitable roller, brush or spray gun and is applicable for both horizontal and vertical surfaces.
- The surfaces to be protected may be moist (no standing water) or dry. The surface should be absorbent, clean, dust free and frost free and should offer sufficient adhesion. Old weathered surfaces should be cleaned thoroughly beforehand so that no residue remains.
- The application of CHRYSO® ColorFresh Intensive on fair faced concrete with a "smooth, form finish" demands high standards in the application procedure in order to allow good surface penetration and adhesion by avoiding release agent residue, dirt, dust or micro cracks.
- When applying to vertical surfaces CHRYSO® ColorFresh Intensive should always be applied from the bottom to the top in a zigzag movement, by horizontal application no puddles should occur. Parts which are not to be protected (e.g. windows) should be covered/taped. The treated surfaces should be protected against rain and frost during the drying time (approx 24 hours).
- CHRYSO® ColorFresh Intensive should not be applied by temperatures below 5°C. Avoid direct sunlight during application, e.g. if applied outdoors during high ambient conditions.
- Surfaces with a grinding finish and any other similar surface showing low absorbency must be tested for sufficient absorption of CHRYSO® ColorFresh Intensive.
- Soiling which occurs on surfaces previously protected by CHRYSO® ColorFresh Intensive should be cleaned off immediately (especially aggressive soiling, e.g. red wine). It is usually sufficient to use warm water and a brush followed by a high pressure sprayer. A soft household cleaning agent may be added if necessary. If a chemical agent is used for the cleaning, for example to remove stains off concrete paving, it is possible that this results in a visible roughening of the surface.

Application in CHRYSO® Beton Cire and CHRYSO® Proskin:

For cementitious micro topping protection, it should be applied in 2 coats:

-1st coat diluted by 50% water

PRECAUTIONS

- Store inside a suitable warehouse (not outdoors).
- Protect against frost.
- Can be stored in original, closed container for approx 12 months.
- No water repellent/hydrophobic additives/admixtures should be used in the concrete formulation.
- Never allow accumulation of CHRYSO® ColorFresh Intensive on treated surfaces as it will result in surface whitening.

SAFETY

Prior to any use, please read carefully the Material Safety Data Sheets.

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-2nd coat pure **CHRYSO® ColorFresh Intensive**

Please refer to each solution application methodology.

Performance:

- UV-resistant (BAUTEST test certificate no. A 1014b/90) & CO2-barrier (BAUTEST test certificate no. A 1014/90).
- CE declaration of performance available for applications in accordance with EN 1504-2 (Products and systems for the protection and repair of concrete structures).
- **CHRYSO® ColorFresh Intensive** is safe for food use according to Bureau Veritas test report.

Consumption :

- approximately 1 liter for 8 to 14 m²