

CHRYSO® FiniSafe

Concrete finishing aid solution

DESCRIPTION

CHRYSO® FiniSafe is a finishing aid that lubricates the surface for faster, easier finishing.

CHRYSO® FiniSafe can also extend workable time by 15 to 30 minutes, even under adverse conditions such as high wind, heat, or low humidity.

CHRYSO® FiniSafe eliminates the need to add water to the surface which can be detrimental to the surface performance of the slab. It can also be used to help finish dry shake on hardeners in low bleedwater environments.

CHRYSO® FiniSafe is a safety net, giving finishers more time on the slab.

BENEFITS

- Provides a smoother finish and creates better surface consolidation.
- Reduces operator efforts and optimizes his production time.
- Applying the **CHRYSO® FiniSafe** just before the mechanical trowel passes improves machine performance while reducing wear.
- Does not change neither color nor appearance of the support.
- **CHRYSO® FiniSafe** has been shown to reduce surface evaporation, mitigating and reducing slab curling and differential shrinkage.
- It has densification properties and reduces efflorescence in colored and standard concrete.

PACKAGING

- 20 L bucket
- 210 L drum
- IBC 1000L

FIELDS OF APPLICATION

Precast

- Precast concrete elements intended to be floated

Ready Mix

All types of concrete floors:

- Standard concrete
- Industrial flooring
- Decorative concrete: colored, printed, polished, brushed, exposed aggregates...etc.
- Stamped concrete

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INDICATIVE INFORMATION

Product Nature	liquid
Color	Cloudy white
Lifetime	12 months
Specific gravity	1,050 ± 0,050
pH	9,00 ± 2,00

METHOD OF USE

- **CHRYSO® FiniSafe** is a ready to use product.
- **CHRYSO® FiniSafe** should be applied using a low pressure pump sprayer. Use either a fan tip or a cone tip for even spraying.
- Every batch of concrete is unique and its behavior varies depending on surrounding conditions. Testing is only relevant on the actual batch being finished.
- At the beginning of floating, and again at the beginning of troweling, test **CHRYSO® FiniSafe** on a small sample section to verify needed application rate and technique.
- **CHRYSO® FiniSafe** should be applied when needed to help finish concrete. Multiple applications can be used throughout the finishing process.

Performance:

- Increases surface compressive strength approximately 20 to 30%.
- Reduces Water Vapor Transmission Per ASTM F 1869 * (MVER).
- Mitigates Volume of Water Vapors Per ASTM D 4263.

Equipment :

Use a sprayer to apply the product, e.g.:

- CHRYSO® Pulvo M5 or equivalent sprayer
- Hand sprayer (ref. 1002)
- Industrial Pump Sprayer (ref. 222180XP)
- Application on first day of casting
- Several applications are possible
- Clean tools with water
- Thoroughly clean the sprayer after use

Consumption :

- Spreading rate: 10 to 20 m² / L

PRECAUTIONS

- Store in dry ventilated conditions. Protect from heat.
- Use at a temperature above 0° C.
- Agitate vigorously before use.
- Before use, protect the surroundings areas to prevent contact with the product.
- Before floating or troweling, test **CHRYSO® FiniSafe** on a sample section to determine appropriate application rate before applying to entire area.
- The container must be stored, sealed and protected from frost, between 5°C and 45°C. In case of frost, do not use the product.
- It is necessary to float the concrete after **CHRYSO® FiniSafe** application. Otherwise, it may leave a whitish film after drying.
- **CHRYSO® FiniSafe** reduces porosity of the concrete surface, but should not be confused with concrete sealers; it will not seal or prevent staining.
- **CHRYSO® FiniSafe** must be floated or troweled into the concrete immediately after application and not allowed to puddle or pond on the surface.

SAFETY

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