

Pieri® Chromofibre 1B-00

special additive

Chryso
Decorative
Concrete

04/09/2026

DESCRIPTION

Pieri® Chromofibre 1B-00 is a pre-blended powder additive developed for exposed aggregate concrete. It combines colouring and performance-enhancing characteristics to improve the appearance, durability, and consistency of decorative concrete surfaces.

The product colours the cement matrix to harmonise with the natural aggregate, creating a more uniform architectural finish. It also improves concrete cohesion, helping to reduce segregation during transport and placement while promoting a consistent exposed aggregate appearance after washing. In addition, Pieri® Chromofibre 1B-00 contributes to improved freeze/thaw resistance, abrasion resistance, impact resistance, and reduced plastic shrinkage cracking.

BENEFITS

- Enhances the architectural appearance of exposed aggregate concrete
- Produces a coloured and homogeneous cement matrix
- Reduces segregation during transport and placement
- Improves consistency of the exposed aggregate finish
- Increases resistance to freeze/thaw cycles
- Improves abrasion resistance
- Improves impact resistance
- Reduces plastic shrinkage cracking
- Supports durable decorative concrete surfaces

FIELDS OF APPLICATION

Pieri® Chromofibre 1B-00 is suitable for:

- Low-traffic roads
- Cycle paths
- Footpaths and pavements
- Factory and office walkways
- Pedestrian crossings
- Public parks
- Private roads
- Public squares and urban landscaping
- Decorative exposed aggregate concrete applications

INDICATIVE INFORMATION

Product Nature	powder
Color	Grey
Lifetime	60 months

PACKAGING

- 2 x 12.5 Water-Soluble bags

METHOD OF USE

Dosage :

Add Pieri® Chromofibre 1B-00 at a dosage of **25 kg/m³ of concrete**

- For optimum dispersion, add directly at the concrete batching plant
- The product may also be added on site
- Add the product into the mixer drum at the end of the loading sequence
- Mix at maximum drum speed for a minimum of **3 minutes**
- Before discharge, remix at maximum speed for a further **3 minutes**

Concrete produced with Pieri® Chromofibre 1B-00 may subsequently be treated using:

- Pieri® VBA Bio 2 surface retarders

Concrete produced with Pieri® Chromofibre 1B-00 can generally achieve:

- Water/cement ratio ≤ 0.50
- Air content between 3% and 6%

Actual air content will depend on concrete composition and production conditions. Preliminary trials are recommended.

PRECAUTIONS

- Carry out preliminary trials before production
- Verify air content and performance with actual project materials
- Follow established concrete production and placement procedures
- Select the appropriate Pieri® VBA surface retarder to achieve the desired depth of aggregate exposure
- Store in original unopened packaging
- Protect from moisture

TECHNICAL DATA SHEET

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SAFETY

Refer to the relevant **Safety Data Sheet (SDS)** before use.
For further information, please refer to the safety data sheet on
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.

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