

# MC-Centrament Retard 350

## Hardening retarder for concrete.

### PRODUCT PROPERTIES:

- Specially designed for creating rough finishes.
- Exposing aggregates or creating connections for construction joints that require subsequent plastering.
- Slowing down the setting process.
- Creating connections for construction joints.
- Does not stain concrete.
- Easy to apply.

### FEATURES / ADVANTAGES:

- Used to expose aggregate on Portland cement based concrete surfaces.
- Applied directly onto formwork for walls, ceilings and vertical joints.
- Slow down the setting of the cement layer to a depth of 5 mm, this depth depends on the thickness of the coating.
- Ambient temperature also affects the depth of the cement layer and prolongs the setting time.

### AREAS OF APPLICATION:

- Used as paste-form retarder applied to formwork to create aggregate inert finished surfaces.

### APPLICATION GUIDE:

- It is a ready-to-use solution, use directly, do not dilute, stir well before use.
- Can be applied to all types of clean formwork. Apply a thick coat with a brush or roller, and allow to dry.
- Formwork surface must not be greasy.
- Cover to protect from direct sunlight.
- Note on construction: Remove formwork to expose aggregate: For best results, remove formwork as soon as possible after pouring concrete. Usually 1 day in warm weather, 2 days in cold weather. If the formwork must be left longer, use 2 or even 3 coats of **MC-Centrament Retard 350** to ensure **MC-Centrament Retard 350** penetrates deeply. Make a test sample first on a piece of concrete to check the effect of **MC-Centrament Retard 350**.
- Cement paste may adhere to the formwork during removal, while still soft it can be easily removed from the formwork and concrete by brushing or high pressure water jetting. It must be cleaned immediately after removal of the formwork. The concrete must be kept moist and cured as usual. In any case a small test should be carried out before use as cement and conditions of use vary from site to site.
- Cleaning: All equipment must be cleaned immediately after use with water.
- Application note: **MC-Centrament Retard 350** may cause skin irritation. Appropriate precautions should be taken to minimize direct skin contact. If material gets into eyes, rinse immediately with clean water and seek medical attention.

### TECHNICAL DATA:

Characteristic	Unit	Value	Comment
Density	kg/l	~ 1.04	at 25°C
Consumption	kg/m <sup>2</sup>	~ 0.3	

**PRODUCT  
CHARACTERISTICS:**

<b>Appearance / Color</b>	White low-viscosity paste.
<b>Packaging</b>	5/25 liters.
<b>Storage</b>	Products must be stored in original, unopened and undamaged packaging in cool, dry conditions.
<b>Shelf-life</b>	8 months from production date.

**Note:** The information in this data sheet is based on our experience and is correct to the best of our knowledge. However, it is not binding. It will need to be adapted to the requirements of each structure, specific application and non-standard local conditions. Application-specific conditions must be checked in advance by the planning engineer/specifier and, if different from the stated standard conditions, will require individual approval. Technical advice provided by MC's professional consultants does not replace the need for the customer or their agent to review the planning history of the building or structure. Subject to this pre condition, we accept responsibility for the accuracy of this information within the framework of our terms and conditions of sale and delivery. Recommendations by our staff that differ from the information provided in our data sheet are only binding on us if they are confirmed in writing. In all cases, generally accepted rules and practices reflecting the current state of affairs must be followed. The information provided in this technical data sheet is valid for the product supplied by the domestic company listed at the footer.

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Released on **06/2024**. Some technical changes have been made to this edition. Older versions have been invalidated and should no longer be used.