

MC-Centrament Retard 310

Hardening retarder for concrete.

PRODUCT PROPERTIES:

- Liquid hardening retarder.
- Used for horizontal surfaces or construction joints.
- Slows down the setting process.
- Create rough finished surfaces.
- Create connections for the construction joints.
- Easy to spray.
- Easy to apply.

FEATURES / ADVANTAGES:

- Reacts with cement on the surface and slows down the normal hydration process on the concrete surface.
- After retardation the cement strength finishes and develops normally.
- Make decorative surface for finished concrete.
- Create a good rough surface for pouring the next layer of concrete or plastering layers.

AREAS OF APPLICATION:

- Eliminates chiseling or sandblasting, leaving a solid surface and unbroken stone.
- Can be sprayed on newly laid horizontal concrete surfaces such as: floors, patios, swimming pools, driveways, walkways, etc.

APPLICATION GUIDE:

- It is a ready-mixed solution, used directly, not diluted.
- A uniform coating of the material must be applied to the horizontal surface of the concrete as soon as possible after the initial bleeding stage of the concrete has ended but before the initial setting time has elapsed.
- The sprayed surface must be protected from direct sunlight and hot winds, which can cause the concrete surface to dry rapidly.
- Appropriate maintenance process depends on each type of concrete, environment, humidity, and especially, the durability of concrete.
- Application note:
 - Protect the newly applied **MC-Centrament Retard 310** layer. Avoid rain, dust, etc.
 - Spray equipment and tools must be cleaned after use.

TECHNICAL DATA:

Characteristic	Unit	Value	Comment
Density	kg/l	~ 1.05	at 25°C
Consumption	kg/m ²	0.25 - 0.32	

PRODUCT CHARACTERISTICS:

Appearance / Color	White transparent liquid.
Packaging	5/25/200 liters.
Storage	The product must be stored in its original, unopened and undamaged packaging in dry conditions, at temperatures between +5°C and +30°C.
Shelf-life	12 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 precondition, 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.