



Centrament HM 20

Hydrophobic Agent

Product Properties

- Free of chlorides
- Hydrophobic
- High freeze-thaw durability

Areas of Application

- Ready-mixed concrete
- Reinforced concrete
- Pumped concrete
- Basins, pools, water storage towers, tunnels, dams
- Exposed outside plasters

Application Notes

Centrament HM 20 improves the durability of concrete and mortar against capillary water by closing the capillary pores. It also forms a chemical barrier preventing flowing water or water under pressure entering the cement matrix.

In this way Centrament HM 20 also improves the durability of concrete and mortar against repeated freeze-thaw cycles and against chemically polluted water.

Centrament HM 20 is especially suited for the construction of sewage plants and in areas with cold winters.

Centrament HM 20 can be used in conjunction with all standard cement types although due to the varying properties of different cement types trials should be carried out to adjust the dosage of Centrament HM 20.



Technical Data for Centrament HM 20

| Characteristic | Unit | Value | Comments |
|--------------------------|------|--------------|---------------------|
| Density | kg/l | approx. 1.03 | |
| Dosage range | g | 2 - 50 | by weight of cement |
| Maximal chloride content | % | ≤ 0.1 | by weight |
| Maximal alkali content | % | ≤ 2.0 | by weight |

Product Characteristics for Centrament HM 20

| | |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type of Admixture | hydrophobic agent according to EN 934-2: T9 |
| Name of Admixture | Centrament HM 20 |
| Colour | white |
| Consistency | liquid |
| Certificate of Conformity | 0754-CPD-02-1065.2 |
| Notified Authority | MPA, Karlsruhe |
| Internal Production Supervision | In accordance with DIN EN ISO 9001 / DIN EN 934-2/6 |
| Notes | protect from frost In the event that the product is not used for a prolonged period of time, settlements may occur on the bottom of the tank / barrel. In this case the product needs to be agitated to an even consistency before use. |
| Form of Delivery | 200 kg barrel 1,000 kg container |

Note: The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

Edition 10/10. Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.