

Centrament Proof HL 20

Water resisting admixture für concrete and mortar



PRODUCT PROPERTIES

- Hydrophobic effect on concrete and mortar
- Improved durability
- Increased freeze-thaw resistance
- Free of corrosion-promoting components

AREAS OF APPLICATION

- Ready-mixed concrete
- Reinforced concrete
- Pumped concrete
- Concrete for basins, pools, water storage towers, tunnels, dams
- Cementitious mortars
- Exposed exterior plasters

APPLICATION ADVICE

Centrament Proof HL 20 is a mass hydrophobization product improving the durability of concrete and mortar by reduction of the capillary suction and penetration of water into the structure.

The resistance against a diversity of damaging mechanisms like repeated freeze-thaw cycles or chemically aggressive water is increased.

Centrament Proof HL 20 is particularly suitable for concrete with partial or permanent exposure to moisture and water like dams and basins but also tunnels and in regions with severe winter conditions.

Centrament Proof HL 20 can be applied in combination with all standard cement types. The dosage required for specific performance criteria has to be determined by trials.

Please note the "General Information on the Use of Concrete Admixtures".

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	kg/dm ³	1.03	± 0.02 kg/dm ³
Recommended dosage range	g	2 - 50	per kg cement
Chloride content (maximum)	%	≤ 0.1	mass fraction
Alkaline content (maximum)	%	≤ 2.0	mass fraction

All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.

Type of admixture	waterproofing sealant per EN 934-2: T9
Designation of admixture	Centrament Proof HL 20
Colour	white
Form	liquid
Notified body	Karlsruher Institut für Technologie (KIT) Materialprüfungs- & Forschungsanstalt, MPA Karlsruhe, Notified Body number: 0754
In-company production control	EN ISO 9001, EN 934-6
Delivery form	200 kg drums 1,000 kg container

Note: The information contained in this data sheet is based on our experience and is correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual structure, to the specific application and to non-standard local conditions. Application-specific conditions must be checked in advance by the planning engineer/specifier and, where different from the standard conditions indicated, will require individual approval. Technical advice provided by MC's specialist consultants does not replace the need for a planning review by the client or its agents in respect of the history of the building or structure. Subject to this prerequisite, we are liable for the correctness of this information within the framework of our terms and conditions of sale and delivery. Recommendations of our employees deviating from the information given in our data sheets are only binding for us if they are confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be observed. The information given in this technical data sheet is valid for the product supplied by the country company listed in the footer. It should be noted that data in other countries may differ. The product data sheets valid for the relevant foreign country must be observed. The latest technical data sheet shall apply to the exclusion of previous, duly superseded versions; the date of issue in the footer must be observed. The latest version is available from us on request or may be downloaded from our website. [2300020200]