

PRODUCT PROPERTIES

- Liquid polymer-dispersion
- Improved water retention
- Increased flexural strength
- Reduction of E-Modulus and water absorption
- Improved durability
- Increased freeze-thaw-resistance
- Plasticizing effect
- Free of chlorides

AREAS OF APPLICATION

- Concrete and cementitious building materials
- Ready-mixed concrete
- Prefabrication

APPLICATION ADVICE

Centrament Proof HL 2 increases the water retention and reduces the water absorption of cementitious building materials. The improved density results in significantly increased resistance against chemicals and freeze-thaw-cycles.

The elasticity of concrete and mortar is increased and the bonding to the substrate is optimized.

Centrament Proof HL 2 has a water reducing / plasticizing effect.

Centrament Proof HL 2 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	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: T 9
Designation of admixture	Centrament Proof HL 2
colour shade	white
form	liquid
Notified body	MPA, Karlsruhe
In-company production control	DIN EN ISO 9001 / DIN EN 934-6
Certificate of conformity of in-company production control	0754-CPR
delivery form	30 kg canister, 200 kg barrel, 1000 kg IBC

Safety instructions

Please note the safety information and advice given on the packaging labels and safety data sheets. GISCODE : BZM10

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. [2100004648]