

Application of concrete admixtures

APPLICATION ADVICE

During manufacture MC-concrete admixtures are subject to internal production control according to DIN EN ISO 9001 / DIN EN 934. The notified body is MPA, Karlsruhe.

The necessary dosages must be determined in suitability tests beforehand and depend on the field of application and the exposure category, provided that the maximum of the recommended dosage range is not exceeded.

The relevant regulations for manufacture, processing and curing of concrete and reinforced concrete must be observed. The necessary suitability tests specified by DIN EN 206-1 must be performed.

For further information, please ask our concrete-technology consulting service.
Phone: +49 (0) 2041-101-50

Admixtures must be stored in tightly closed packs, protected from frost and strong sunlight. The shelf life is at least 12 months, unless specified otherwise. Powdery products must be stored, like cement, under dry conditions in tightly closed packs. The additional information given in the individual technical product data sheets and safety data sheets is to be observed at all times.

Dosing units must be checked regularly as to their cleanliness and operativeness, to guarantee the accuracy of dosage. In between individual dosing-processes the facilities have to be rinsed with water. Admixtures should always be dosed separately. Air-entraining agents and retarding agents, as well as concrete plasticizers and flowing agents must not be mixed under any circumstances.

Only products of the same type must be filled into individual storage tanks. In cases of doubt please contact our concrete-technology consulting-service. The storage tanks must be cleaned regularly, to prevent the formation of sediments from inert suspended particles.

PCE-based-superplasticizers may not be used in combination with other plasticizing admixtures without prior consultation of the supplier or relevant testing.

In the interest of our environment please empty the packs completely. Exchange containers must be closed and protected from contaminants. We can only accept completely emptied containers.

Property specifications are based on laboratory tests and may vary in practical application. To determine the individual technical suitability, preliminary suitability tests should be carried out under the application conditions.

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. [2400021511]