

Technical Data Sheet

CEM I 52,5 N - Milke[®] classic

Composition

CEM I 52.5 N Milke[®] classic is a Portland cement complying with DIN EN 197-1. It consists of Portland cement clinker and a sulfate compound, which is needed as a setting regulator. The optimized production process ensures a high degree of uniformity of the cement. As a low-chromium cement, a small amount of a chromium-reducing additive may also be included.

Properties

Due to its high Portland cement clinker content, CEM I 52.5 N Milke[®] classic has a high initial strength. The cement exhibits good compatibility and effectiveness with construction chemical additives such as plasticizers, retarders, accelerators, dispersion powders, etc., and is thus especially well suited for the production of dry mortar systems.

The cement complies with EU Directive 2003/53/EG for low chromium levels.

Area of Application

CEM I 52.5 N Milke[®] classic lends itself to applications in which an increased early strength and final strength development is desired. Due to its good processability, it is especially well suited for use in factory-produced dry mortars, such as tile adhesives, self-leveling compounds, fillers and leveling compounds, grout mortars, etc.

CEM I 52.5 N Milke[®] classic meets the requirements for cements according to DIN EN 480-1. It is suitable for the production of reference concrete/mortar for the testing of additives for concrete, mortar and grout.

Processing Instructions

In order to take advantage of the full potential of the cement, the accepted rules of the trade, such as adequate curing to protect against desiccation and freezing, must be applied. Contact with the skin and eyes must be avoided when working with cement. Individual safety measures, such as gloves and protective eyewear, are prescribed.

Monitoring

CEM I 52.5 N Milke[®] classic is subject to in-plant production inspection according to the conformity criteria defined by DIN EN 197-1 and is monitored by the Verein Deutscher Zementwerke e.V. (VDZ).

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Delivery

CEM I 52.5 N Milke[®] classic is supplied exclusively as bulk goods in a silo truck or "big-bag".

Storage

Cements are sensitive to moisture and should therefore be stored in a dry place and protected from moisture.

With proper storage, the low-chromium property of this cement is guaranteed for the following period:

- 12 months from loading date

Sales and Consulting

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