

CEM I 42,5 N

Portland Cement

- Composition:** SCHWENK Portland Cement CEM I 42,5 N is a hydraulic binder according EN 197-1.
Its main ingredient is Portland cement clinker, which together with calcium sulphate as congealment stabiliser is milled to SCHWENK Portland Cement CEM I 42,5 N.
By stringent production monitoring during the complete production procedure a uniform quality on a high level is maintained.
- Properties:** SCHWENK Portland Cement CEM I 42,5 N is low on chromium. By addition of a chromium reducer the contents of water soluble chromium VI < 2 ppm.
- Application:** SCHWENK Portland Cement CEM I 42,5 N can be used for the production of all concretes according DIN EN 206-1/DIN 1045-2.
- Concrete additives:** The addition of concrete additives is permitted according DIN EN 206-1/DIN 1045-2, if they conform to the relevant regulations or a general technical approval is available. Concrete additives with approval may only be used under the conditions as stated in the approval document.
An initial test according DIN EN 206-1/DIN 1045-2 is necessary for the addition of concrete additives.
- Concrete admixtures:** The addition of concrete admixtures is permitted according DIN EN 206-1/DIN 1045-2, if they conform to the relevant regulations or a general technical approval is available and are used under the conditions as stated in the approval document.
An initial test according DIN EN 206-1/DIN 1045-2 is necessary for the addition of concrete admixtures.

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Quality control:	SCHWENK Portland Cement CEM I 42,5 N is subject to a self monitoring by our in-house laboratories and is externally monitored by the Verein Deutscher Zementwerke e.V. Düsseldorf.
Suppliers:	Allmendingen, Karlstadt
Delivery:	As bulk in silo trucks and bagged good in bags with 25 kg contents.
Storing:	SCHWENK Portland Cement CEM I 42,5 N must be dry stored and protected against humidity .
Cited standards:	DIN EN 197-1 Cement Part1: Composition, specifications and conformity criteria for common cement DIN EN 206-1 Concrete Part1: Specification, performance, production and conformity DIN 1045-1, 2 Concrete, reinforced and prestressed concrete structures Part1: Design and construction Part2: Concrete - Specification, properties, production and conformity - Application rules for DIN EN 206-1 DIN EN 12620 Aggregates for concrete

Technical support: Our application support team informs you regarding all application-technological questions.

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Status: August 2012

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