Specification for sulphate-resisting portland cement

B.S.I. - BS 4027(1980) : 1980 SPECIFICATION FOR SULPHATE RESISTING PORTLAN

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BS 4027Specification for sulphate-resisting portland cement
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NZS 3122:1995 Specification for Portland and blended cements (General and special purpose)

Admixtures for concrete, mortar and grout.

Saqar

The cement shall be stored in such a manner as to permit easy access for proper inspection and identification of each shipment, and in a suitable weather-tight building that will protect the cement from dampness and minimize warehouse set. Ordinary Portland Cement OPC is the most common cement used in general concrete construction when there is no exposure to sulphates in the soil or groundwater. This cement has increased lime content and contains higher c3s content and finer grinding, which gives higher strength development than OPC at an early stage.

Tabuk Cement

Although the process for cement manufacture is relatively similar across North America and much of the globe, the reference to cement specifications can be different depending on the jurisdiction.

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Certain oxides are also themselves limited by specifications: For example, the magnesia MgO content which is limited to 6 percent maximum by weight for portland cements, because it can impact soundness at higher levels.

Tabuk Cement

. After 28 days 35 - 38 Not less than 32. Ordinary Portland Cement OPC is the most widely used type of cement, which is suitable for all general concrete construction.

BSI

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BS 4027:1991

Admixtures for concrete, mortar and grout. This testing confirms that a cement has the ability to perform well in concrete; however, the performance of concrete in the field is determined by all of the concrete ingredients, their quantity, as well as the environment, and the handling and placing procedures used.

13 Types of Cement and their Uses in Concrete Construction

Expansive Cement Expansive cement expands slightly with time and does not shrink during and after the time of hardening. It is easily formed and malleable to any designs. One of its basic performances is that it has high early strength.

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