

BULK CEMENT

SULFATE CEMENT SR5

The Cement CRS (sulphate-resisting cement) consists of: 95% clinker, secondary constituents (0 to 5%) can be incorporated in the cement and calcium sulfate as gypsum is added as a regulator of socket.

CRS is commonly used:

- Base cement for civil engineering work in aggressive environments.
- Concrete work requiring low heat of hydration.

Specifications

Standard	NA 442: 2013
Standard Designation according to NA 442:2013	Portland Cement Resistance to Sulphates
Identification	CEM I 42.5 N-LH / SR5
Composition	Clinker = 95-100% Secondary Constituents = 0-5%
Mechanical Characteristics	42.5 MPa
Minimum resistance guaranteed at 02 days	10.0 MPa
Minimum resistance guaranteed at 28 days	40.0 MPa
Physico-Chemical Characteristics	C3A < 5.0% Loss on ignition < 5.0% Insoluble residue < 5.0% MgO < 4.0% SO ₃ < 3.0% Chloride < 0.10% Expansion < 10mm Onset Time > 60 min