



CSA Cement 82.5 92.5



I. Overview of Ultra High Strength CSA Cement 82.5, 92.5

All raw materials with appropriate ingredients are calcined to obtain hot materials with anhydrous tetracalcium sulfoaluminate and dicalcium silicate as the main minerals, and add appropriate amount of gypsum and activator to grind to produce super high strength. The hydraulic cementing material is called ultra-high-strength CSA Cement, which implements the Q/YTS001-93 standard.

II. Quality index

1. Specific surface area: not less than 480M²/kg.

2. Setting time:

The initial setting time should not be earlier than 25min, and the final setting time should not be later than 4hr. It can be changed according to user requirements.

3. SO₃: less than 13%.





4. Strength:

Grade	Compressive Strength, Mpa		Bending Strength, Mpa	
	1d	3d	1d	3d
82.5	63.5	82.5	7.5	8.2
92.5	65.5	92.5	8	8.8
102.5	70.5	102.5	10	11.5

III. Features

- 1) The Ultra High Strength CSA CEMENT has all the advantages of Rapid hardening CSA cement 42.5.
- 2) The higher the strength value, the greater the strength increase rate.
- 3) Acid and alkali corrosion resistance is better than rapid hardening sulfoaluminate cement.

IV. Applications

Ultra-high-strength CSA cement is used to prepare early-strength, high-strength (concrete above C60), impermeability and sulfate corrosion resistance concrete, negative temperature construction, grout anchoring, support, assembly joints, geological cementing, emergency repairs, Plugging cement products and construction projects.

V. Storage and transportation

Ultra high-strength CSA cement should not be damp and mixed with other types of cement during transportation. It should be stored separately from other types of cement.

The storage period is 6 months in a dry environment. It should be re-inspected after the deadline.