



Oreworld trade (Tangshan) co., Ltd.

CSA BINDER

CSA Binder Introduction:

Calcium Sulfoaluminate binder ([CSA Binder](#)) is pure CSA clinker that grinded without any gypsum. It is a hydraulic cementitious material blend high in C4A3S (Calcium Sulfoaluminate Crystals).

CSA Binder characteristics

- Appearance: light grey powder
- Rapid strength development
- Rapid setting: initial setting time can reach 12~20 minutes
- Shrinkage compensation
- Short Curing phase
- Low alkali
- Freeze-resistance
- Impermeability
- Resistance to sulfate attack
- Low carbon footprint

CSA Binder Technical Data

Fineness	Specific surface area, m ² /kg		500+/-20
Setting time	Initial setting	min	12-30
	Final setting	min	20-50
Grade	CSA binder 62.5		CSA binder 72.5
Compressive strength, Mpa			
	1 day	50	55
3 days	62.5	72.5	
Flexure Strength, Mpa			
	1 day	7.0	7.5
3 days	7.5	8.0	

CSA Binder Application

- Concretes repair mortars
- Self-Leveling Floor Screeds
- Sprayed Concretes, Shotcrete, Guniting and Stucco.
- Mining Products, for example: mining roof support materials.
- Plasters & Mortars (i.e. Joints, Sulfate Resistance, No-Shrinkage, etc.)
- Special adhesives, tile adhesives
- Concrete Precast Products
- Glass fiber reinforced concrete (G.R.C.)
- As semi-products various special cements, CSA Binder can be used for making rapid-setting cement, expansion cement, self-stressing cement.



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CSA Binder Storage, transportation and packing

- To be stored in dry cool place and not mix with other substance
- Transportation: as common goods
- Packing: jumbo bag or small bag with pallets