



RAZON

SUPER GRIND 378(Cement Grinding Aid)

Super Grind 378 is a chloride free grinding aid used to reduce the grinding time of cement to achieve desired fineness, & reduce the cost incurred in the manufacture of cement. It improves the efficiency of the cement plant.

Super Grind 378 provides the following Advantages:-

1. Higher Output

- a. Super Grind 378 reduces the grinding time, increasing production output
- b. Decreases Pack Set
- c. Reduces agglomeration of clinker on the grinding media
- d. Improves the efficiency of separators
- e. Lesser stoppages in plant due to plugging of material

2. Cost

- a. Improves per day production cost due to higher output, therefore reduces costs
- b. Saving in energy per ton of cement produced viz. typically in the range of 10-15 %

3. Better Final product

- a. Cement has better dry flow while handing/in silos
- b. Lower particle fraction > 32 micron of the ground cement.

Super Grind 378 achieves these properties by neutralizing the surface charges on freshly ground clinker. Thus the cement achieves dry flow, and ease in handling especially in transfer systems and silos. The improvement in efficiency is typically in the range of 10-15%.

Dosage & Method of use :- Super Grind 378 is added to the first compartment of the grinding mill on the clinker feeding channel; otherwise it may be sprayed directly on the clinker on the feed conveyor. It is advised that the dosing must be done by an adjustable flow rate dosing pump so that accurate quantities are charged.

The dosage of Super Grind 378 is 0.03% to 0.08% by weight to the total weight of clinker + additions, i.e. 300 gm to 800 gm per ton of cement. The dosage may vary depending upon the properties desired, grinding media, process conditions and source of clinker + additions used. It is imperative that plant trials be conducted to confirm the dosage.

No	PRODUCT DATA	
1	Colour	Clear -yellowish
2	Specific Gravity	1.12+/- 3% ★
3	Packing	200 kg drums
4	Storage/life	6 months to one year when stored in original sealed container. Store between -5°C to 50 °C
5	Corrosion	Does not contain chlorides.
6.	Compliance	ASTM C465

All RAZON Products are manufactured under the systems of ISO 9001.



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AN ISO 9001:2008 ACCREDITED MANUFACTURER



It is strongly recommended that site trials be conducted using site conditions and available raw materials to evaluate the product. Since site materials and conditions are beyond our control and since above suggestions and recommendations are based on our site trials and laboratory product evaluation & trials, and since methods of use at site are beyond our control. Hence, no guarantee can either be implied or enforceable