



Sakshi Chem



Sciences Pvt. Ltd

2nd Floor, Vishal Furniture, Opp Police Station Sitabuldi, Nagpur – 440012., Ph. : 0712- 6617716, (M) 9422146423

Email – enquiry@sakshichemsciences.com, Website : . www.sakshichemsciences.com

Addage Plast PCE 850

(High early strength, high range water reducing superplasticising admixture for precast concrete

We are engaged in offering a wide range of super plasticizers which are widely used to enhance the plasticity or fluidity of the concrete and to increase its strength. Apart from our range of Superplasticizers which include sulphonated melamine formaldehyde (SMF), Sulphonated Naphthalene Formaldehyde (SNF), we are also manufacturing the third generation of superplasticizers i.e. Ultraplasticizers called the Polycarboxylate Ether (PCE). Polycarboxylate Ether show extremely high water reduction in concrete with improved workability and increase in strength by almost 20-30% depending on use.

Polycarboxylate Ether Superplasticizer show good workability in concrete at even at water cement ratios as low as 0.23. We are one of the very few genuine manufacturers of this Polycarboxylate Ether in the country

Uses:-

Addage Plast PCE 850 is an admixture of a new generation, based on second-generation polycarboxylic ether polymer with high early strength gains.

Addage Plast PCE 850 is suitable for making precast concrete elements at all workability's including Rheoplastic or Super workable concrete having fluid consistence, no segregation, a low water binder ratio and, consequently high early and long term strengths.

Addage Plast PCE 850 producing Rheodynamic concrete, capable of self-compaction, even in the presence of dense reinforcement without the aid of vibration, for making precast elements. Concreting in cold weather

Advantages:-

- Provides high fluidity to the concrete at low water levels & achieve high early strengths.
- Produces Rheoplastic and Rheodynamic concretes having a low water cement ratio.
- Optimize curing cycles by reducing curing time or curing temperatures. Eliminate heat curing.
- Increase productivity / reduction in cycle time. Improve surface appearance Produce durable precast concrete elements.
- Retain the slump for longer time



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- Provides high strength & workability to the concrete by remarkable water reducing
- Improved engineering properties, compared to traditional superplasticizer such as early & ultimate compressive & flexural strengths, reduces shrinkage & creep
- Compatible with all type of cements

Application:-

- Can be used in low water content concrete
- Used in ready mix concrete for fast mixing during transportation
- Used for concrete where high elasticity & strength is required
- Used for enhancing the durability of concrete by delaying hydration
- Used for pumpable concrete

Dosage – Optimum dosage of Addage Plast PCE 850 as guide a dosage range of 400 ml to 1000ml per 100kg of cementations materials

Performance test Data Aspect	Clear White to reddish Brown liquid
Relative density	1.06 ±0.02 at 25C
Chloride ion content	< 0.2%
PH	≥ 6

Packing:-

Available 200 Kg barrels.