

TECHNICAL DATA SHEET

ADDAGE BONDCOTE 700 SO

PRODUCT DESCRIPTION

ADDAGE BONDCOTE 700 SO (Soluble oil) is used in manufacturing light weight Autoclaved Aerated Concrete Blocks. It is eco-friendly product. This oil play important role in controlling rate of reactions between various ingredient like lime, silica, cement from fly ash etc. to meet the growing demands of today and future for ever evolving construction industry. In manufacturing AAC block, during casting or green stage, controlling rate of reaction between various raw materials like aluminium powder, quick lime and silica from fly ash and cement etc is predominant to the stability of mould. ADDAGE BONDCOTE 700 SO is a liquid admixture miscible in water and designed to suit the different quality of fly ash. As the carbon content in the flyash disturb the rising of the slurry and pore size, hence the strength. It also contains mixture of some polymer to enhance Strength of cell walls at wet stage inside the mass during reaction between water and metal Powder as well as liberation of H₂ gas by increasing the surface tension of mass. Surface tension plays a very important role as barrier in mould shrinkage as impurities like High carbon in fly ash affects the rate of reaction between various reactants.

PROPERTIES

Reduce the percentage of carbon content in raw material.
Controlling the rate of reaction with raw material.
Uniform bubble size hence high strength.

APPLICATION

AAC block industries

Technical specification

Test	Result
Appearance	Hazy Liquid
Odor	characteristic
pH	>10
Sp gravity	0.98 – 1.02
Viscosity at 15 °C	10 -20 Sec by B4 Cup Method

APPLICATION

1. Reduction in Mould shrinkage related Rejections
2. Not hazardous to health like chrome based de- oxidant
3. Sustainable and eco friendly product
4. Increased profitability by increasing productivity and reducing percentage rejection.
6. Inconsistency of rise can be adjusted with soluble oil.

DIRECTIONS TO USE:

Shake well before use. ADDAGE BONDCOTE 700 SO is to be mix after pouring Slurry & water in to the mixture but before dry material for homogeneous mixing in the mix. ADDAGE BONDCOTE 700 SO works at room temperature.

DOSAGE

400 ml- 800ml per m³.

NOTE

Depending on carbon content ,doses of soluble oil is to be adjusted by trails because even if you know the percentage of carbon content it is very difficult to find the no of particle and size of it
Also carbon has the property to absorb gases of it surface. Hence the bubble size increases with the carbon of content. Hence the uncontrolled rising of cake

STORAGE

Store at room temperature and keep away from strong oxidizer like potassium permanganate and combustibile material.

SHELF LIFE

Storage time should not exceed 12 months from date of manufacturing.

PACKING

ADDAGE BONDCOTE 700 SO 50 ltr Can & 210 Ltr barrel.

