

# CONCRETE MIX- 1750

*High-Range Water-Reducing Plasticizing and Retarding Concrete Admixture*

**SUPERBOND**

## DESCRIPTION

**CONCRETE MIX -1750** is a very high-range water reducing for concrete and mortar. The chemicals composition based on dispersing agent such as superplasticizer, lignosulphonate and tri-sodium citrate, which is suitable for concrete mixing plant.



## OBJECTS

Suitable use for where high quality concrete is required such as :-

- Concrete plant, where high cost efficient is needed
- Where increases workability is required
- Use in high strength concrete
- Suitable for replacement of Fly Ash or Slag

## ADVANTAGE

- Water reduction up to 20% against mix-control
- Improved workability of concrete
- Increased strength up to 20%
- Increased initial setting time
- Excellent slump achieved
- Good high early strength
- Under the condition of same water / cement ratio, The initial slump of concrete will be increased by 80-100 mm.
- With same slump and strength of concrete, the 5-15% of cement consumption can be saved
- Reduce mixing time by 40%
- Increases density of concrete and thereby reduces water permeability and increases water-Proofing characteristics of concrete
- Reduces bleeding and segregation of concrete after casting
- Reduces shrinkage and creep in concrete after casting
- Reduces wear of mechanical parts in concrete pumps and thereby reduces overall costs of placing of ready-mixed concrete
- Chloride free and thereby not affecting reinforcement steel
- Provide for a more easily compaction which reduces honey-combs in concrete

## APPLICATION DOSAGE

0.3-0.5% of cement. Special test require for mix-design

**SUPERBOND CO.,LTD. : 20/6 Moo 4 T.Bankai A.Bankai, Rayong 21120**

**Tel : 038-868712-3 Fax : 038-868682 Technical Service : 081-5913635,089-7482966**

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## INSTRUCTION FOR USE

Add the correct amount of **Mix-1750** by using automatic dosaging connect into the water line at the batching plant

Note : Do not add **Mix-1750** directly on to the dry mix

## EFFECT OF OVERDOSING

Accidental overdosing with causes an extension of initial setting time. But will have not effect on concrete

## CHARACTERISTICS

Appearance : Dark brown liquid  
Special Gravity : 1.12-1.15 kg /Litre  
pH value : 8.5-10  
Storage : Free from Frost  
Packaging : 200 Litre Drums /1,000 Litre Tank  
Shelf Life : 12 Months unopened  
Packaging : 200 Litre Drums

## PRECAUTIONS

Non-toxic,  
In case of contact with skin : wash with clean water  
In case of contact with eyes : wash with clean water and immediately consult eye-doctor

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