



BASE

Construction Chemicals Industry

Produces Construction chemicals under technical advice and guidance of MUHU (China) Construction Materials Co. Ltd.

Base Con 650N

Retarding superplasticising admixture for concrete

DESCRIPTION

Base Con 650N is a water reducing cum set retarding concrete admixture with powerful plasticizing effect which deflocculates and disperses the cement particles within a concrete mix. It can be used to improve workability, without the addition of extra water, or to allow reductions in the free water contents of the concrete mix. **Base Con 650N** admixture has Normal setting characteristics and help in producing more uniform and predictable quality concrete. High ultimate strengths at the high dosage range.

RECOMMENDED USES

- Ready mixes concrete.
- Long hauls.
- Pumped concrete.
- Concrete containing Granulated .
- Slag/Pozzolans.
- Hot water concrete.

ADVANTAGES

- Reduced segregation
- Significantly improves the workability therefore easy placing and finishing.
- Allows water reduction while minting workability, there by increases strength, durability and improve-ability.
- Enables economics in mix designs to be achieved thereby saving cement.
- Increased setting time at elevated temperature.
- Long-lasting control of slump los.
- Very good for ready mix concrete plats where long haulage is required.
- Reduced shrinkage and creep.
- Improved surface finish.
- Chloride-free, does not attack reinforcement.

PROPERTIES

Appearance	: Dark brown free flowing liquid
Relative density	: 1.2±0.03 at 25 ⁰ C
PH	: 7-9
Storage condition	Fre from frost
Chloride ion content	: <0.2%

DOSAGE

Optimum dosage of **Base con 650N** should be determined with trail mixes. As a guide, a dosage range of 350ml to 1200ml per 100kg of cementations material is recommended. **Base con 650N** is also compatible with slag and pozzolans such as fly ash and silica fume. Trial mixes should be made with site materials & approximating the job site conditions to determine the dosage required.

APPLICATION

Base con 650N is ready-to-use liquid which id dispensed into the concrete together with the mixing water. The plasticizing effect and water reduction are higher if the admixture is added to the dump concrete after around 50% of the mixing water has been added. The addition of **Base con 650N** to dry aggregate or comment it's not recommended.

SHELF LIFE

Use within one year.

PACKING

Base con 650N is supplies in 220 kg, 230 kg and 250 kg. (as per customer request.)

TEST CERTIFICATION

It meets the requirements of chemical admixture specifications for concrete: ASTM C 494 Type F GB8076-1997 and GB50119-2003.