

BUILD ANTIFREEZE

Frost protective concrete aid

DESCRIPTION : **BUILD ANTIFREEZE** is a brownish or yellowish liquid admixture suitable for addition to mass, stressed and reinforced concrete. It is available in liquid form. It protects the concrete upto - 10 to - 12° C. Equally effective with all types of OPC and SRC.

USES : **BUILD ANTIFREEZE** Is extensively used for the production of high quality concrete at moderately low temperature. For concreting work in cold conditions, e.g. slight day time frost, expected overnight frost, expected cold period, when under normal conditions concreting work has to stop.

FEATURES

- ❖ It is used as a plasticizer or water reducing compound
- ❖ Increased frost resistance.
- ❖ Improved strength
- ❖ Chloride free.

APPLICATION

BUILD ANTIFREEZE in liquid form is mixed with concrete alongwith gauging water. Recommended dosage is 1-3% by weight of cement depending on the site conditions

IMPORTANT

A few precautions must be followed even though **BUILD ANTIFREEZE** is being used. The concrete and mortar is to be allowed for normal curing. Below 0° C setting of concrete is hampered. The role of **BUILD ANTIFREEZE** is to protect concrete mix from the adverse effect of frost. It is to be made sure that the cement, sand, aggregates and water are above freezing point before mixing. The mixing should be proper and the admixture **BUILD ANTIFREEZE** should be well dispersed in the green concrete

TECHNICAL DATA

Physical property	:	Yellow/light brown liquid
Specific gravity(at 300C)/g/ee	:	1.25 ± 0.05
Shelf life	:	One year if stored in sealed containers
Packing	:	25 kg. & 250 kg.
Health & Safety	:	Non-toxic. non-inflammable, eco-friendly.