

BUILDPLAST SUPER MT

High range water reducing concrete admixture

DESCRIPTION : BUILDPLAST SUPER MT is a highly effective dual action liquid superplasticiser for production of free flowing concrete in hot weather or as a substantial water reducing agent for promoting high ultimate strengths.

STANDARDS : BUILDPLAST SUPER MT complies with IS 9103 and ASTM C 494, type F.

USES : BUILDPLAST SUPER MT is used in floor slabs, prestressed concrete girders, foundation, columns, beams and ceilings. It is specially suited for tiles manufacturing.

FEATURES

- ❖ Substantial improvement in workability without increased water or risk of segregation
- ❖ Long lasting control of slump loss
- ❖ No adverse effect on ultimate strength
- ❖ High water reduction
- ❖ Significant increase in ultimate strength
- ❖ Improved surface finish
- ❖ Improved water tightness
- ❖ NO excessive air entrainment
- ❖ No adverse shrinkage effect

APPLICATION

Suitable mix design as normally required for Superplasticiser should be followed with **BUILDPLAST SUPER MT**. A measured quantity of **BUILDPLAST SUPER MT** is added into the mixer along with the mixing water. To achieve the best results, the mixer along with the material should be rotated for at least 2-3 minutes. On no account it should be added to the dry cement.

DOSAGE

Dosage of **BUILDPLAST SUPER MT** varies from 0.5 - 3.0% by weight of cement. Exact dosage rates are dependent on the type of effect and retardation sought, quality of cement and aggregates, w/c ratio and ambient temperature.

TECHNICAL DATA

Form	:	Liquid
pH	:	7 - 9
Chloride	:	Nil to BIS 9103
Specific gravity	:	1.20 ± 0.02
Chemical base	:	Modified melamine formaldehyde condensate
Shelf life	:	One year in original packing
Packing	:	250kg. & 25kgs.
Compatibility	:	All portland and blended cements
Health & Safety	:	Non-toxic, Non-flammable and eco-friendly