

## Product Data Sheet

### CONCRETE SUPER PLASTICIZER.

#### ABOUT THE PRODUCT

- ADMIX MAX BOND is a high range water reducing super plasticizer for different grades of concrete conforming to BS 5075 part 4, ASTM C-494 type G and IS 9103-1999. It's a two in one solution.
- ADMIX MAX BOND is dark brown liquid based on modified lignosulphonated naphthalene polymer.
- The powerful dispersing capacity of this product facilitates reduction in water, while producing dense, cohesive and high strength durable concrete.
- The parameters of this product are designed to perform and justify both in smaller and higher grade of concrete mix by adjusting the dosage

#### BENEFITS OF THE PRODUCT:

- Increases high early and 28 days ultimate strength
- Advantage of high water reduction possible
- Retains workability for longer time
- Can be used with higher grade of concrete
- Good in pre-stressed concrete
- Makes the concrete denser and increases durability
- Improves cohesion to enable pumping of concrete
- Ideal for mass concreting
- It is chloride free
- Cost effective and customer friendly

#### PACKING DETAILS:

ADMIX MAX BOND is available in 200 Kg plastic barrels.

#### PRODUCT USES:

- ADMIX MAX BOND is recommended for obtaining high workability in the concrete without addition of extra water.
- This helps reduction of water and achieves very early and 28th day ultimate strength.
- Also, ideal for higher grade concrete, pre-stressed, pre-cast & paver concrete, exposed slab and mass concrete making.

#### DOSAGE:

200 ml to 500 ml per 50 kg of cement. However, the optimum dosage to be determined at site.

## **SHELF-LIFE:**

24 months from the date of manufacturing if stored in original container under shade.

## **WORKABILITY:**

ADMIX MAX BOND increases workability & produces cohesive and dense concrete which facilitates easy placement and self-compaction.

## **STRENGTH:**

Reduction in water addition and production of cohesive and dense concrete leads to increased early and ultimate strength which facilitates early removal of form work.

## **PRODUCT PROPERTIES:**

<b>Colour</b>	:	Dark brown
<b>Appearance</b>	:	Liquid form
<b>Specific gravity</b>	:	1.120 – 1.125
<b>pH</b>	:	7.5 ± 0.2
<b>Chloride Content</b>	:	NIL as per BS 5075
<b>Air Entrainment</b>	:	Less than 1% Compatible with all types of OPC.

## **ADDITIONAL INFORMATION:**

ADMIX MAX BOND is a thick liquid product. Hence, proper stirring is required to get optimum results. It is therefore requested to stir well before every use

The information given in this data sheet is based on both current development and many years of field experience. While every effort is made to ensure that the information is reliable, we cannot accept responsibility of any work carried out with our products as we have no control over the application procedure adopted at site and site conditions. In view of continuous research and development in our laboratory, we advise customers, in their own interest, to ensure that this data sheet has not been superseded by any other publication. Field services where provided, does not constitute supervisory responsibility. For additional information, Golden Chemical local representative or customer care department may be contacted.