



# ADT ADMIX SNF 2040

## Superplasticizer Admixture

Cost Effective, High-range, Retarding Superplasticiser for high performance concrete mix

### DESCRIPTION

ADT ADMIX SNF 2040 has been designed as an excellent cost effective superplasticiser based on sulphonated naphthalene formaldehyde condensate. It improves workability and reduces water requirement in concrete and mortar. It easily mixes in water and effectively disperses cement particles exposing large surface area of cement. It improves workability and strength is attained with less cement. ADT ADMIX SNF 2040 Particularly suitable for precast concrete and other high early strength requirements.

### COMPATIBILITY

It is compatible with most admixtures used in the production of quality concrete including normal, other mid-range and high-range water-reducing admixtures, air entrainers, accelerators, retarders, extended set control admixtures, corrosion inhibitors, and shrinkage reducers. It is also compatible with slag and pozzolans such as fly ash, metakaolin and silica fume.

### CORROSIVELY – NON CORROSIVE

ADT ADMIX SNF 2040 will neither initiate nor promote corrosion of reinforcing steel embedded in concrete, prestressed concrete or concrete placed on galvanized steel floor and roof systems.

### ADVANTAGES

- Major increases in strength at early ages without increased cement contents are of particular benefit in precast concrete, allowing earlier stripping times.
- Higher ultimate strengths, reduced permeability, improved durability, reduced shrinkage and creep, increased ease in finishing concrete, Cost effective.
- Increases the durability and weather resistance.
- Water reducing admixture - Improves workability, cohesion and pump ability, reduces segregation.
- Chloride free, safe for use in prestressed and reinforced concrete. Uses in paver industries also.

### LIMITATIONS :

Excessive water addition or overdosing may cause bleeding or Segregation. Overdosing may cause extension of initial and final setting times. If frozen and / or if precipitation has occurred, ADT ADMIX SNF 2040 may be used after thawing slowly at room temperature and after intensive mixing.

### STANDARDS COMPLIANCE

ADT ADMIX SNF 2040 conforms with IS 9103-1999 and with ASTM C494 depending on dosage used.



[helpdesk@adtchemical.com](mailto:helpdesk@adtchemical.com)



022 4617 3853



[www.adtchemical.com](http://www.adtchemical.com)

## TECHNICAL SUPPORT

ADT INDUSTRIES provides a technical advisory service for onsite assistance and advice on admixture selection, evaluation trials and dispensing equipment.

## SHELF LIFE

If stored in tightly closed original containers under the above conditions, it has a shelf life of 12 Months



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**Registered Office : Raheja Arcade, Block-1, Plot-61, Sec-11, CBD, Belapur, Navi Mumbai - 400 614**