

## NAPHTHALENE BASED SUPERPLASTİCİZER POWDER

### Description:

DOSTFLOW-NP possesses a powerful water reducing and dispersing ability, whereby high strength, flowing and self leveling concrete can be produced. DOSTFLOW-NP improves flow properties of concrete by dispersing cement particles and preventing floc formation.

### Application:

The exact dosage of DOSTFLOW-NP in each mix design would depend upon the ultimate application requirements and may have to be arrived at by actual site trials. However, incorporation of DOSTFLOW-NP is used to achieve the following concrete characteristics.

### Application Areas:

- Ready mix concrete
- Pre-cast and Pre-stressed concrete
- Areas of congested reinforcement
- To reduce water contents for sake of improved impermeability and durability
- Marine concrete
- Architectural concrete
- Pumped concrete
- Special concrete slabs

### Advantages:

- Improved workability (by maintaining same water cement ratio)
- Higher early and ultimate compressive strength by lowering water cement ratio
- Upto 30% water reduction can be achieved by using optimum dosage of DOSTFLOW-NP.
- Flowing and Self leveling concrete
- Strong plasticizing effect without any tendency to segregation
- Very high strength

### Technical Specifications:

Chemical Classification	Sodium salt of polynaphthalene sulphonic acid
Appearance and form	Light brown powder
Solid content	93 ± 1%
Sulfate content	3,0 max
pH of 10% solution	7 - 9
Bulk density g/cc	0.65
Chlorides	650 max
Ionic nature	Anionic
Solubility	Soluble in water