



Admix SNF

Product Description

Admix SNF is a High Range Water Reducing Superplasticizer (based on SNF, sulphonated naphthalene formaldehyde condensate (SNF), available in liquid form.

Admix SNF produces high workability concrete requiring little or no vibration during placement. Admix SNF provides up to 25% reduction in free water without loss of workability, resulting in high-quality concrete of reduced permeability and increased early strength gain.

Applicable standard: ASTM C 494 Type A, F

Features and benefits

- Admix SNF is a superplasticizer for facilitating concrete placement.
- Acts as a high water-reducing admixture to enhance mechanical properties at all ages.
- Cement content optimized for desired mechanical strength.
- No segregation.
- High strength hardening accelerator.

Typical use

- Heavily reinforced concrete works.
- Paving and industrial floor.
- Ready-mix concrete.
- Precast concrete elements.
- Concrete placement at low temperatures.
- All concrete requiring fluid consistency.
- Concrete with low W/C.

Product Data

Packaging size	20 L, 200 L drum, 1000 L
Form	Liquid
Colors	Dark Brown
Density	1.17-1.20 ±0.02 @ +25 °C
Total Chloride Ion Content	Nil



Application Data

Dosage:

1.5 – 3.5 % by weight of cement. Higher dosages by weight of cement can be used depending on the mix design, raw materials, climatic conditions and concrete requirements. Trial mixes must be performed to establish the exact dosage rate required.

Compatibility

Admix SNF is compatible with all types of Portland cement (OPC and SRC), concretes containing pozzolanic materials such as GGBS, FA, micro-silica and with Admix RD, Admix LS Concrete Admixtures. We recommend to perform trial mixes to establish the required performance when combining Admix SNF with the above products or other admixtures. Please consult our Technical Department.

Dispensing

Admix SNF is added to the gauging water or simultaneously poured with it into the concrete mixer at the batching plant. Do not add Admix SNF directly to the dry mix.

Mix Admix SNF with concrete for at least 2 minutes before casting.

Storage

- Admix SNF can be stored up to 12 months from manufacturing date in sealed containers.
- Away of direct sunlight and protected from extreme temperatures.

Technical Support

The standard rules of good concreting practice for production and placing must be observed when using Admix SNF in concrete. Refer to relevant standards. Fresh concrete must be cured properly especially at high temperatures in order to prevent plastic and drying shrinkage. Use Uniguard Bond Plus products as a curing agent or apply wet hessian.

Health and safety

Refer to Admix SNF MSDS.