

## Technical Data Sheet

Construction chemicals

# EBCA SNF HS

Edition 12-2024

An effective superplasticizer based on the sodium salt of naphthalene sulfonic acid formaldehyde polycondensate. Designed to enhance the workability and strength of concrete by significantly improving its flow properties.

## 1. SUPPLY SPECIFICATIONS

• appearance	dark brown liquid
• Solid content	40 ±1
• Brookfield viscosity @ 24 °C	60 - 120 mPa.s
• pH	7 - 9

## APPLICATIONS

is an effective dispersant, fluidifier and high range water reducing agent (super-plasticizer) which produces excellent rheological properties in concrete

## SPECIFIC PROPERTIES

EBCA SNF HS, improves the flow properties of the mix by dispersing the cement particles and breaking up cement agglomerates and due to its linear nature, it can be used to improve the rheological and mechanical properties of concrete; i.e. workability, compressive and flexural strengths, modulus of elasticity including Pumping concrete, Marine concrete, Gunite or shotcrete, Architectural concrete, Specially shaped concrete slabs, Concrete containing fly ash or silica fume, Blast furnace slag cement concrete and Lightweight concrete. EBCA SNF HS Gives the concrete the following properties:

Flowing self-levelling, High early strength, Good workability, Low water to cement ratio (reduction of up to 30%), Reduced cement, Very high strength.

## Application Methods and Dosage

EBCA SNF HS is normally dosed at a rate of 500-2000 ml per 100 KG (8-30 fluid oz per 100 lbs) of cement. Other dosage may be required depending on specific conditions.(1)

(1) Exact dosage rates are dependent on the type of effect required, water to cement ratio, quality and type of cement, aggregates, and ambient temperature determined according to the designated concrete mixture through trial mixing

## PACKAGING

EBCA SNF HS is available in 125, 140, 150 kg plastic drums, 1200kg IBC's, 20MT Isotanks

## STORAGE

EBCA SNF HS has a shelf life of 12 months in the original closed container at a temperature between 5 and 30 °C. Once container has been opened, the contents should be used directly, container should be closed tightly after each use

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