

Omnitek Inject NS

Polynaphtalene based superplasticiser and water reducer.



• field of application

- Superplasticiser for preparation of Omnitek Inject micro fine cement grouts.
- Superplasticiser for preparation of cement grouts, mortars and concrete.

• advantages

- Easy to use plasticiser.
- Can be added to the mixing water.

• description

Liquid polynaphtalene based superplasticiser solution for preparation of Omnitek Inject grouts and other cement based grouts, mortars and concrete formulations.

• application

Shake Omnitek Inject NS before use.

1. Use with Omnitek Inject micro fine cement

- For preparation of Omnitek Inject micro fine cement grouts, add 3% Omnitek Inject NS to the weight of Omnitek Inject cement used.
- Add Omnitek Inject NS to the mixing water and mix well.
- Add the Omnitek Inject micro fine cement into the blended water and mix well at 1500 to 3000 rpm for a minimum of 5 minutes.

2. Use as general plasticiser

- Omnitek Inject NS can be used in a dosage of 0,5 to 4% of the cement weight depending on the properties required and cement used.
- For each application, the optimum dosage of Omnitek Inject NS needs to be established by trial mixtures with the site materials and under site conditions.

• technical data/properties

Property	Value
Solids	40%
Density	1,20 kg/dm ³
pH	7,5
Chloride content	< 0,1%
Na ₂ O equivalent	< 5,5%

• appearance

Omnitek Inject NS: Dark brown liquid.

- **packaging** | **Omnitek Inject NS**
0,75 kg plastic bottle.
1 box = 16 bottles.
1 pallet = 24 boxes.
- **storage** | Omnitek Inject NS should be stored under cover, clear of the ground.
Protect the material from all sources of moisture and frost.
Shelf life: 2 years.
- **health & safety** | Wear gloves and protective goggles. Wearing a dust mask is recommended when using cement based products. Wash splashes to eyes and skin immediately with clean water. Consult a doctor when irritation continues. If accidentally ingested, drink water and consult a doctor. For full information, consult the relevant Material Health and Safety Data Sheet.