

AFEC E.R.M.A Ltd.

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אפק א.ר.מ.ע בע"מ

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Product name: NL-73

Supplier: AFEC E.r.m.a Ltd.

Manufacturer: AFEC E.r.m.a Ltd.

Description: NL-73 is a high-performance retarding super plasticizer, based on modified sodium gloconates and lignosolphonate. particularly recommended for ready mix concrete and civil Engineering construction.
NL-73 intends to create a water reduction and/or an increased period of workability retention.
It allows manufacturing concrete with long workability retention.
NL-73 may be used in a large concrete range.
NL-73 is compatible with most of the cement's types.
NL-73 complies with the Israeli standard 896 part 1 and EN 934 part 2.

Fields of

applications:

- Manufacturing of ready mixed concrete.
- Manufacturing high quality and high durability concrete.
- Manufacturing of high-performance concrete with high density, low permeability.
- Manufacturing ready mixed concrete with long delivery time.

Advantages

- Medium to Low water/cement ratio.
- Flowable concrete with no segregation or bleeding.
- Less or no vibration required even in case of high steel reinforcement.
- Improves concrete durability.
- NL 73 can work with low cement content without changing the concrete properties.

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Properties:

Color: Brown	Nature: Liquid
PH: 6 ± 2	Density: 1.14 ± 0.03
Na ₂ O equivalent: $< 1,0 \%$	Cl ⁻ ions contents: $\leq 0,02 \%$
Dry extract (EN 480-8): 24 ± 1	Dry extract (halogen): 24 ± 1

Direction of use:

NL-73 can be put in the mixer with the first amount of water before the dry ingredients. The mixture should be mixed for 5 minutes in the fastest range possible.

Correct the needed water content.

At site before discharging mix at high speed for several minutes.

Precautions and limitations:

Overdose of NL-73 will make the mix unworkable and with a long initial setting time.

Remarks:

Before beginning the work, you should make a trail mix at the laboratory and adjust the concretes desired properties.

Accumulation: Liquid

Chemical

Stable between 6°C-55°C

Stability:

Possible health Low toxic range. Do not swallow.

Influence:

First aid

Rinse with water and seek medical advice.

Personal

Do not inhale! Protect eyes during use. Use relevant shield. Rinse hands after use.

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Hygiene:

Dosage 0.8%-1.6 % of the cement content in 1m³ of concrete.

Package Plastic containers of 20 liters/ 200 liters drums / 1000-liter mini containers.

Handling & storing Closed packages – up to 9 months in closed containers
Do not expose to direct sunshine.