

## **LP530**

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### **New generation polycarboxylate hyperplasticiser**

Meets the Israeli standards # 896

LP 530 represent a new modified generation of polycarboxylated hyperplasticiser.

LP 530 has been developed for application in the premixed and precast concrete industries to achieve high performance concrete.

LP 530 is based on carboxylic acid copolymer that improves cement dispersion, fluidity and strength in concrete, improve slump retention than standard superplasticisers.

Chloride free.

### **Features:**

- Improve workability with low water content.
- Improve early & ultimate strengths of concrete.
- increased durability
- Decrease bleeding of materials separation.
- Less vibration required
- Low water/cement ratio
- Better resistance to aggressive environments.
- Improves concrete surface.
- Decreases shrinkage and creeps

### **Application:**

- Precast concrete
- ready mix concrete
- self compacting concrete ( SCC)
- pumped concrete
- concrete with slag cement
- early and ultimate high strength concrete

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## **Application Notes:**

**LP 530** is a ready-to-use admixture to be added to the concrete during mixing.

It is most effective when added after the additional of the first 50-70% of the mixing water.

Avoid adding the admixture to the dry aggregate or sand.

The mixing time should be long enough to allow the admixture to reach its complete effect.

**LP 530 can be used with other Larisplast admixture, please ask for our advisory service.**

## **Specifications**

Appearance: clear brownish liquid

PH: 4±2

Specific Gravity: 1.062±0.05

## **Dosage:**

The normal dosage range of **LP 530** is 0.8%-2.0% from the cement weight.

**Possible to use different dosages for special works, but then it requires preliminary experience.**

- It can be used with lignin based admixture and inorganic accelerated hardening agent.
- is not compatible with admixtures containing melamine or naphthalene sulphonates

## **Handling and Storage:**

- Non-flammable & non-toxic. In contact with skin or clothing, wash with water.
- Recommended to store LP 530 at moderate temperature (5°C-30°C)
- Before use, please check and read through MSDS.
- Shelf life: 12 months

**Packing:** LP 530 is available in 1000 liter.

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