

# HighFlow SP195

Multi dosage super plasticizer concrete admixture for different concrete classes

---

## Product Description

HighFlow SP195 is relatively high molecular weight synthetic polymer containing plasticizer power is increased, the dark ready to use concrete superplasticizer. Increase ability to deploy and components of productivity due to slowing down the rheoplastic type of cement hydration by achieving concrete in water, while accelerating the hydration water / reduce the cement ratio and the initial socket concrete strength and ultimately significantly increases. Protection in different season's slump, workability and strength requirements according to the type of contribution will be used.

HighFlow SP195 has strong workability retention which helps in long distance and hot weather concrete deliveries, and is particularly suitable for ready-mix concrete.

## Areas of Application

- High strength and low water / cement ratio is desired in all high-quality concrete.
- Ready – mixed concrete.
- Long distance and hot weather concrete deliveries.
- Where high workability retention Band retardation are of prime importance.
- To produce high quality concrete of improved durability and water tightness.



## Advantages

- Ultra higher strength with same cement content.
- Low water /cement ratio concrete (10-25% water cut).
- Homogenous and cohesive concrete.
- Minimizing segregation problems by improving cohesion.
- Does not contain chlorine.
- Excellent slump retention properties.
- Easily pumpable, smooth surface and good workable concrete.
- Cold joints can be avoided by extending initial and final concrete setting time.
- Strength and impermeable concrete.

### Disposal

Empty packages can be thrown to the collection bins according to regional-local regulations or recycling rules. After drying up and hardening the used waste material, throw it away as construction waste material. It is dangerous to dispose of product wastes by burning them.

### Points to Take into Consideration

Keep the products in places out of reach of children. Always keep the cover of the products closed. It is recommended to wear gloves and goggles during operation. In case of contact of skin with the material, it should be washed with soap and water immediately. In case of contact with the eye, see your doctor immediately.

### General Considerations

Above-mentioned product information and descriptions are prepared for guidance purposes as a result of our experiences and meticulous studies. The variety of related materials and their different construction and operation conditions can not be controlled or influenced by us individually. For applications beyond our control, the guarantee status is only limited to the quality of sold product. Except the manufacturing of the product, no guarantee is given for application. This technical sheet invalidates all the existing sheets. The quality of the performed job may vary depending on your professional use of the product. If you are hesitant, make a little test or get technical help.

# HighFlow SP195

Multi dosage super plasticizer concrete admixture for different concrete classes

## Standards

HighFlow SP195 complies with ASTM C494 Type G and EN934-2 Chart 11.1, 11.2.

## Accordance

HighFlow SP195 suitable for use with the following substances;

- ASTM standards in all of Portland cement and other varieties approved.
- Air entraining admixtures.
- Fly ash, silica fume.
- Fiber and steel wire reinforcement.

## Dosage

Of cement weight (0.8 – 1.7) % .

## Compatibility

HighFlow SP195 can be used with all types of Portland cement and cement replacement materials.

## Method of use

HighFlow SP195 should be added to the concrete with the mixing water to achieve optimum performance. Automatic dispenser should be used to dispense the correct quantity of HighFlow SP195 to the concrete mix.

## Technical Data

Property:	
Color:	Brown liquid
Freezing point:	-5C <sup>0</sup> approximately
Specific gravity:	1.17±0.01 @ 25C <sup>0</sup>
Chloride content: BS5075	Nil
Air entrainment	Typically less than 2% additional air is entrained above the control mix at normal dosages

## Effects of over dosage

Over dosing of HighFlow SP195 will cause the following:

- Significant increase in retardation.
- Increase in workability.

Ultimate concrete strength will not be adversely affected and will generally be increased provided that proper concrete curing is maintained.

### Disposal

Empty packages can be thrown to the collection bins according to regional-local regulations or recycling rules. After drying up and hardening the used waste material, throw it away as construction waste material. It is dangerous to dispose of product wastes by burning them.

### Points to Take into Consideration

Keep the products in places out of reach of children. Always keep the cover of the products closed. It is recommended to wear gloves and goggles during operation. In case of contact of skin with the material, it should be washed with soap and water immediately. In case of contact with the eye, see your doctor immediately.

### General Considerations

Above-mentioned product information and descriptions are prepared for guidance purposes as a result of our experiences and meticulous studies. The variety of related materials and their different construction and operation conditions can not be controlled or influenced by us individually. For applications beyond our control, the guarantee status is only limited to the quality of sold product. Except the manufacturing of the product, no guarantee is given for application. This technical sheet invalidates all the existing sheets. The quality of the performed job may vary depending on your professional use of the product. If you are hesitant, make a little test or get technical help.

# HighFlow SP195

Multi dosage super plasticizer concrete admixture for different concrete classes

---

## Cautions

### Health and safety

Skin and eye contact should be avoided, should be washed with plenty of water. If several glasses of water should be drunk immediately medical attention. Wash immediately with plenty of water in contact with eyes. Gloves, protective masks and goggles should be used.

### Cleaning

HighFlow SP195 should be washed with fresh cold water immediately.

### Packaging

HighFlow SP195 is available in 30Kg pail, 250Kg drums & 1200 Kg IBC spill. In the original packaging, +50 °C / +250 °C in a dry, ventilated and protected in, stored away from direct sunlight and protected from frost when the shelf life is longer than 1 year. If the product is frozen, then thawed at 20 °C and wait for available thoroughly mixed.

### Storage

Store in dry conditions. HighFlow SP195 has a minimum shelf life of 24 months from date of manufacture if stored properly in its original unopened packing.

### Fire

HighFlow SP195 is water based and is nonflammable.

---

#### Disposal

Empty packages can be thrown to the collection bins according to regional-local regulations or recycling rules. After drying up and hardening the used waste material, throw it away as construction waste material. It is dangerous to dispose of product wastes by burning them.

#### Points to Take into Consideration

Keep the products in places out of reach of children. Always keep the cover of the products closed. It is recommended to wear gloves and goggles during operation. In case of contact of skin with the material, it should be washed with soap and water immediately. In case of contact with the eye, see your doctor immediately.

#### General Considerations

Above-mentioned product information and descriptions are prepared for guidance purposes as a result of our experiences and meticulous studies. The variety of related materials and their different construction and operation conditions can not be controlled or influenced by us individually. For applications beyond our control, the guarantee status is only limited to the quality of sold product. Except the manufacturing of the product, no guarantee is given for application. This technical sheet invalidates all the existing sheets. The quality of the performed job may vary depending on your professional use of the product. If you are hesitant, make a little test or get technical help.