

SPG third generation super plasticizer

DESCRIPTION:

The SPG-plasticizer combines varied mechanisms of influence. The effect is being achieved through the surface absorption and the cement grains repulsion effect.

SPECIFICATION:

Chemical composition:	aqueous solution of modified polycarboxylate group;
Form:	light fluid body
Density:	1,025 kg/l $\pm 0,01$;
PH:	7 $\pm 1,0$

ADVANTAGES:

By simultaneously proceeding hydration process the concrete obtains the following properties:

- intense concrete strength generation in despite of long time of concrete mix consistency
- intense water drawdown (through that the concrete high ultimate strength and density)
- concrete-mix extra consistency (through that the lightness in the concreting)
- extra early strength through the water drawdown
- improved quality in the decreasing of the concrete crack formation and shrinkage
- concrete increased resistance to carbonation
- contains no chloride-ions or other corrosive steel substances
- admixture can be used by manufacturing of the pre-stressed concrete constructions

APPLICATION:

Recommended dosage: from 0,5% up to 2% from cement weight. For self- consolidating concrete (SCC) – at least 1,5%

To mix the plasticizer with the mixing water or to deliver them together in the concrete mixer. In order to maximize the admixture plasticizing effect, it is recommended to set up the concrete mortar mixing time at 60 seconds minimum (in the compulsory-type concrete mixer) after delivering of the mixing water to the concrete mortar.

PACKAGING:

PE-Containers:	1000 Litre
Plastic and metal barrels with a capacity of:	200 Litre
PE-package:	1; 5; 10; 25 Litre

STORAGE:

Storage temperature: 0°C ÷ +30°C

Expiration date: 12 Months from the manufacturing day