



KEDOBET® SP 101

PCE based chloride free superplasticizer in accordance with the requirements of EN 934-2

Description and scope

KEDOBET SP 101 is latest generation of Superplasticizer based on Polycarboxylate ether polymers. Specially designed molecular structure of this product based on many years of experience and latest research results to a wide range of applications in modern concrete production. Application of this Superplasticizer allows high water reduction and accelerates cement hydration. Due to the rapid adhesion of Superplasticizer molecules to the cement particles, combined with an efficient dispersion, increased size of cement grains are exposed to reaction with water. As a result of this effect it is possible to achieve earlier development of the heat of hydration, and thereby increasing early strength which is especially suitable in case of need for early removal of formwork.

KEDOBET SP 101 is suitable for the production of rheoplastic precast concrete with liquid consistency, without occurrence of segregation with low water/cement factor and with rapid development of initial and final strength. It is also very suitable for the production of easy compacting concrete (ECC) and appropriate concrete mix compacting can be performed without use of vibrators to significantly shorten the time of compacting.

KEDOBET SP 101 can be used in combination with other chemical and mineral admixtures to achieve specific properties according to the project requirements. Particularly good results are shown in combination with fly ash. To combine with other chemical and mineral admixtures, please consult our Technical Department.

Application of additives **KEDOBET SP 101** is recommended for ambient temperature above 5 °C.

Required quantity

Under normal conditions, the recommended dosages are 0,2 – 1,5 kg per 100 kg of binder.

In special cases different dosage can be recommended in accordance with specific conditions on site. In such cases please contact our Technical Department.

Instructions for use

KEDOBET SP 101 is liquid additive to be added to the concrete during the mixing process. Best results are obtained when the additive is added after all other components are already in the mixer and after the addition of at least 70% of the total amount of water. The amount of water needed in the mixture is adjusted to the desired consistency or workability.

Packaging and storage

KEDOBET SP 102 R can be delivered in cans consisting 25 kg, 150 kg barrels, 1100 kg IBCs or in bulk on customers request.

KEDOBET SP 102 R must be stored in a space where the temperature is not lower than 5 °C. In the case of frozen products, increase product temperature at 30 °C and stir again.

COUNTRY OF ORIGIN: HRVATSKA
PRODUCER: KUTRILIN d.o.o. ZAGREB