



SP10

LIQUID SOLUTIONS

CONCRETE ADMIXTURES

SP10 is a mid range water reducing superplasticiser liquid based on polycarboxylate technology. It gives water reduction of more than 10%, helps prevent bleeding and segregation, and is an economic plasticiser for readymix concrete and screeds.

DESCRIPTION

What is SP10?

SP10 is a mid range water reducing superplasticiser liquid. It is an extremely high efficiency anionic superplasticiser based on polycarboxylate technology, and its key function is as an economic mid range water reducer.

SP10 has a very high deflocculation effect. Deflocculation means keeping cement particles separated rather than clumped together, and SP10 maintains this dispersed state for longer periods than conventional plasticisers. The result is high water reduction of more than 10%, very high early and final strength, and a mix that resists bleeding and segregation.

APPLICATIONS

- › Readymix concrete
- › High slump concretes
- › Screeds
- › Concretes made with OPC and blended cements

KEY BENEFITS

- ✓ High water reduction of more than 10%
- ✓ Prevents bleeding and segregation
- ✓ Develops very high early and final strength
- ✓ Suitable for high slump concretes
- ✓ Good compatibility with OPC and blended cements and concretes
- ✓ Highly effective and economic plasticiser for readymix concrete



TECHNICAL DATA

Form	Colourless liquid
Type	Mid range water reducing superplasticiser, polycarboxylate based
Active polymer	10%
Ionic character	Anionic
Density at 20°C	1.04 g/cm³
pH	6.5 to 7.5
Water reduction	More than 10%
Typical dosage	0.5% to 0.9% by weight of cement (confirm by trials)
Storage	Dry environment, 5°C to 35°C
Shelf life	2 years when stored correctly

PACKAGING

Contact UKCP for current packaging options.

STORAGE AND SHELF LIFE

2 years when stored correctly in a dry environment between 5°C and 35°C.

HEALTH AND SAFETY

Refer to the Safety Data Sheet, available on request from UKCP.

DOSAGE AND TECHNICAL SUPPORT

The correct dosage depends on the mix design, raw materials and performance required. Contact the UKCP technical team on 07717 707163 or sales@ukconstructionproducts.co.uk for the recommended dosage for your mix and for advice on mixing, application and product selection. Carry out trial mixes where appropriate. The latest version of this datasheet is available at ukconstructionproducts.co.uk/products/sp10.