Silurix® 520
Silica Fume Distributor Admixture

Uses
- Concrete including silica fume
- production of silica fume slurry

Advantages
- silica fume dispersion in the concrete

Description
Silurix 520 is silica fume distributor Admixture based on selected polymers. This greatly improves silica fume dispersion in the concrete.

Typical dosage
The optimum dosage of Silurix 520 to meet specific requirements should always be determined by trials using the materials and conditions that will be experienced in use. The normal dosage range is between 1 to 4% by mass of silica fume.

Properties

Appearance	Colorless
Specific gravity	1.03 gr/cm^3 at 20°C
Chloride	Nil to BS5075
pH	7.5

Instructions for use
Compatibility:
Silurix 520 is compatible with other Capco admixtures used in the same concrete mix. All admixtures should be added to the mix separately and must not be mixed together prior to addition. The resultant properties of mixes containing more than one admixture should be assessed by the trial mix procedure recommended on this data sheet.

Dispensing:
The correct quantity of Silurix 520 should be measured by means of a suitably accurate device; and then added to the concrete during the mixing process either by hand, or mechanically.

Packaging
Silurix 520 is available in 20 kg and 200 kg containers.

Storage
Silurix 520 has a minimum shelf life of 12 months provided the temperature is kept within the range of 5°C to 35°C. Should the temperature of the product fall outside this range then contact CAPCO for advice.

Precautions
Health and safety:
Silurix 520 does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes. Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately - do not induce vomiting.

Fire:
Silurix 520 is non-flammable.