CONCRETE ADMIXTURE

ADCON SCREED 707

CE

High-performance superplasticizer formulations for screed finish. Particularly for use in screeds and earth-moist concrete types.

APPLICATION:

» Screed production

» Earth-moist concrete types

» Monolithic concrete floors

ADVANTAGES:

» Superior liquefaction properties

» Novel molecular structure

» Significantly higher early strength of the concrete

» improved concrete properties

» high energy-saving potential

» Shorter curing times

» Shorter time until ready for covering

» Use of less reactive cement types possible

» Reduced tendency to secrete water (bleeding)

» positive influence on processing (longer open processing times)

PRODUCT DESCRIPTION

3CS® AdCon SCREED 707 is a raw material innovation based on a polycarboxylate ether. The novel molecular structure means the availability of a larger surface area of the cement particles for the hydration reaction. Further effects include very rapid adsorption of the molecules by the cement particles and an extraordinarily efficient dispersion effect (electrostatic stabilization). These effects result together in an earlier hydration reaction, the resulting heat development is utilized more efficiently and this results in a significantly faster early strength development of the concrete.

PROCESSING

Add **3CS® AdCon SCREED 707** to the mixer after the mixing water has been added. Minimum mixing time is 1 minute. Do not dose into the dry mixture. To optimally exploit the potential of the admixture, the concrete temperature should be above +10 °C. Residual moisture testing is still necessary before laying floor coverings

ADVANTAGES

By reducing the amount of mixing water, the screed dries out more quickly, allowing floor coverings to be laid earlier.

By using **3CS® AdCon SCREED 707**, better workability is achieved for both bonded and floating screeds. In screeds for underfloor heating systems, the addition of **3CS® AdCon SCREED 707** produces a softer consistency despite the reduction in water. This ensures a better embedding of the heating pipes and a denser concrete structure, which is necessary for optimal heat transfer.

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STORAGE CONDITIONS

Storable for at least 12 months in the original sealed container in a possibly cool, dark and dry place at temperatures from +5 °C to +30 °C. Protect from direct sunlight, frost and contamination.

SAFETY INSTRUCTIONS

Please observe the hazard warnings and safety advice on the labels and in the safety data sheets.

TECHNICAL SPECIFICATIONS

COLOR	translucent
STATE	liquid
DOSAGE	0.50 % - 1.50 % of the cement weight
PROCESSING TEMPERATURE	+5 °C to +30 °C
SHELF LIFE	12 months

ARTICLE NUMBER	UNIT	PACKAGING UNIT
B207052242651	kg	1.000 kg IBC
B207052242661	kg	200 kg drum
B207052242682	kg	25 kg can
B207052242684	kg	10 kg can
B207052242685	kg	5 kg can
B207052242686	kg	1 kg can

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