

ADCON SCREED HEV

Chloride-free, highly effective superplasticizer for heated screed finish. Special application area for cement-bonded screeds indoors and outdoors.

APPLICATION:

- » Cement-bonded heated screeds
- » Screeds indoors and outdoors in general

ADVANTAGES:

- » Improved compaction capability
- » Reduced compaction energy
- » Improved screed quality in processing
- » Shorter time until ready for covering
- » Improved heating pipe embedding due to smooth screed plasticization
- » Economical dosing thanks to high efficiency

PRODUCT DESCRIPTION

3CS® AdCon SCREED HEV is a highly effective concrete admixture developed for use with cement-bonded screeds. The use of **3CS® AdCon SCREED HEV** results in a reduction of the water/cement ratio and, at the same time, easier processing of the screed concrete. The plasticizing effect and the resulting improved water retention also results in a reduced tendency to bleed and increased surface strength. These effects result together in an earlier setting. The resulting heat development is utilized more efficiently and the screed concrete develops a significantly faster early strength.

PROCESSING

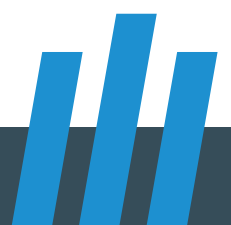
Add **3CS® AdCon SCREED HEV** to the mixer after the mixing water has been added. Minimum mixing time is 1 minute. Do not dose into the dry mixture. To optimally exploit the potential of the admixture, the concrete temperature should be above +10 °C. Residual moisture testing is still necessary before laying floor coverings. The recommended dosing quantity is 0.50 % to 1.50 % of the cement weight, depending on the required liquefaction tendency.

Recommended dosage for screed concrete: 0.25 liters of **3CS® AdCon SCREED HEV** per 50 kg of cement

The use of standardized cements and aggregates is recommended. For high-quality concretes, the mixing ratio should be determined in advance and a suitability test carried out on the concrete.

ADVANTAGES

The use of **3CS® AdCon SCREED HEV** in the screed makes the mix more homogeneous and easier to process thanks to higher liquefaction with less water added. This ensures a better embedding of the heating pipes and a denser concrete structure, which is necessary for optimal heat transfer. The addition of **3CS® AdCon SCREED HEV** means that no air entrainment is to be expected. The reduction of the water/cement ratio results in a significantly higher screed quality.



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	bright, translucent
STATE	liquid
DOSAGE	0.50 % - 1.50 % of the cement weight
DENSITY	approx. 1.010 g/cm ³

ARTICLE NUMBER	UNIT	PACKAGING UNIT
B207052243851	kg	1,000 kg IBC
B207052243861	kg	200 kg drum
B207052243882	kg	25 kg can

This data sheet, like our other technical information, serves only to describe the nature of this product and the processing and application options. However, it is not intended to guarantee certain product properties or fitness for a specific purpose, and the description does not contain complete instructions for use. As we reserve the right to make changes to our data sheets, it is the customer's responsibility to ensure the availability of the up-to-date data sheet. Current information sheets can be requested at any time from any of our premises. Typos, technical changes and errors excepted. In addition, our general terms and conditions apply. **Version: 02/04/2025**