

## PRODUCT DATA SHEET

# SikaPaver® HC-200

High performance compaction aid for semi-dry / no-slump concrete product

### DESCRIPTION

SikaPaver® HC-200 is a high performance compaction aid for semi-dry/no-slump concrete based on the Sika-ment® technology. This innovative admixture technology has been specifically developed for use in low cement content semi-dry/no-slump mixes where good surface/flanks finish and high early strength are required.

### USES

SikaPaver® HC-200 is used for all types of semidry/no slump concrete which is generally used in the manufacture of machine-made concrete products associated with instant de-moulding such as:

- Block Paving (grey / coloured)
- Paving flags
- Kerbstones
- Edgings and other items for garden and landscape design
- Building blocks and bricks
- Concrete pipes and manholes
- Semi-dry hollow core slabs

### FEATURES

SikaPaver® HC-200 offers substantial benefits to the producer of semi-dry/no-slump concrete products:

- Efficient dispersion and distribution of cement, additives and pigments
  - Improved mould filling
  - Optimised compaction process
  - Minimized friction between the mould and the concrete
  - Reduced adhesion/stickiness between top layer concrete and pressing head/tamper
  - Increased “green” strength after immediate de-moulding
  - Less variation in densities and strengths across the area of the mould
  - More economic concrete mix designs
  - Less customer returns and second grade products
- SikaPaver® HC-200 allows for the following advantages in the finished concrete products:
- Closer textured, smoother and more uniform surfaces
  - Consistent product quality
  - Minimized damage due to early handling
  - Enhanced early and ultimate compressive and tensile strengths
  - Increased freeze-thaw resistance
  - Improved durability and life expectancy

### PRODUCT INFORMATION

<b>Composition</b>	Aqueous Naphthalene base solution
<b>Packaging</b>	Gal: 5Kg & 20Kg Drum: 200 Kg IBC: 1130 Kg
<b>Shelf life</b>	12 months from date of production
<b>Storage conditions</b>	Store properly in original, unopened packaging. Protect from frost, direct sunlight and contamination. When it is delivered in bulk, the tanks and equipment used must be free of residues from previous deliveries.

Density	1.13 ± 0.02 (at +20°C)
pH-Value	10 ± 1
Appearance	brownish liquid
Concrete mixing time	A mixing time of at least 30 seconds is essential, although the actual mixing time after adding the admixture depends on the individual circumstances and should be determined by trials.
Recommended dosage	0.3% - 1.2% of cement weight
Dispensing	SikaPaver® HC-200 shall be added with the mixing water or introduced at the end of the mixing process.

## BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## ECOLOGY, HEALTH AND SAFETY

## LEGAL NOTES

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