

SIKA PAVER C1 PLUS

High performance admixture and compaction aid for wet, semidry/no slump concrete products

Construction

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| Product Description | Sika paver C1 plus is a high performance compaction aid for wet, semi-dry/no-slump concrete. |
| Uses | <p>Sika pavers C1 plus is used for producing optimized coloured wet, semi-dry/no slump concrete with very low water content. Wet, Semi-dry/no-slump concrete production is generally used in the manufacture of machine-made concrete products associated with instant de-moulding such as:</p> <ul style="list-style-type: none">▪ Block Paving (grey / coloured)▪ Cement Tiles (grey / coloured)▪ Paving flags▪ Kerb stones▪ Edgings and other items for garden and landscape design▪ Building blocks and bricks |
| Characteristics/ Advantages | <p>Sika Paver C1 plus offers substantial benefits to the producer of Wet, semi-dry/no slump concrete products:</p> <ul style="list-style-type: none">▪ Efficient dispersion and distribution of cement, additives and pigments▪ Give high early strength to wet concrete▪ Improved movement of the concrete through the machine (faster mould filling)▪ Optimized compaction with shorter pressing time and increased output[shorter production cycle]▪ Minimized friction between the mould and the concrete [Reductions in equipment wear and tear]▪ Reduced adhesion/stickiness between top layer concrete and pressing head/tamper (equipment/tools)▪ Increased “green” strength on immediate de-moulding [keeps the shape of freshly de-moulded semi-dry concrete products because it prevents slumping after de-moulding]▪ More economic concrete mix designs▪ Create superior products. <p>Sika Paver C1 plus offers substantial benefits to the producer of Wet, semi-dry/no slump concrete products:</p> |



- Efficient dispersion and distribution of cement, additives and pigments
- Give high early strength to wet concrete
- Improved movement of the concrete through the machine (faster mould filling)
- Optimized compaction with shorter pressing time and increased output[shorter production cycle]
- Minimized friction between the mould and the concrete [Reductions in equipment wear and tear]
- Reduced adhesion/stickiness between top layer concrete and pressing head/tamper (equipment/tools)
- Increased “green” strength on immediate de-moulding [keeps the shape of freshly de-moulded semi-dry concrete products because it prevents slumping after de-moulding]
- More economic concrete mix designs
- Create superior products

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| Tests / Standards | Complies with EN 934-2 |
| Product Data | |
| Appearance/ Colours | Brown liquid. |
| Packaging | 200 liter drum; 1000 liter container; bulk. |
| Storage conditions/ Shelf life | 12 months minimum from production date if stored in undamaged and unopened, original sealed packaging, in dry conditions at temperatures between +5 and +35°C. Protect from direct sunlight |
| Technical Data | |
| Chemical base | Modified lignosulphonate |
| Density | 1.16 0.02 kg/liter. |
| pH (23 2°C) | 7 ± 1 |
| Application Details | |
| Dosage | 0.2% - 0.6% of cement weight |
| 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 |
| Notes on application/ Limitations | Sika paver C1 plus can be added with the mixing water or introduced at the end of the mixing process. Before use suitability tests must be performed |
| Cleaning of tools | Clean all tools and application equipment with water immediately after use. |
| Value base | All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control. |
| Health and Safety | For information and advice on the safe handling, storage and |

Information

disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety related data

Legal Notes

The information, and, in particular, the recommendations relating to the application and end-use of Sika® products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, must be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the Product Data Sheet for the product concerned, copies of which will be supplied on request or accessed on the Internet under www.ken.sika.com proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request



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