

Product Data Sheet
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Sika® Plasti-Powder 1

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Powder form plasticizing admixture for concrete and mortar

Product Description	Sika® Plasti-Powder 1 is an effective plasticizer in powder form use for enhancing the performances of concrete and mortars.
Uses	<ul style="list-style-type: none"> ■ Sika® Plasti-Powder 1 is used as plasticizer, water reducer and for maintaining workability of concrete and mortars. ■ Particularly suitable for the production of bricklaying and plastering mortars, renders and screed.
Characteristics / Advantages	<p>Sika® Plasti-Powder 1 provides the following properties:</p> <ul style="list-style-type: none"> ■ Substantial improvement in workability of the cementitious mixture without increased water. ■ Better and easier application of rendering mortars. ■ Longer lasting workability of the mixture. ■ Increase of early and ultimate strength.
Product Data	
Form	
Appearance / Colours	Brownish powder.
Packaging	15 kg bag. (0.5Kgx30 packs)
Storage	
Storage Conditions Shelf Life	24 months from date of production if stored properly in undamaged unopened, original sealed packaging at temperatures between +5°C and +35°C and in a completely dry area, protected from direct sunlight and frost.
Technical Data	
Density	500 kg/m ³ (Bulk density)
Application Details	
Dosage	0.2 % - 0.6% by weight of total binder.
Application Conditions / Limitations	
Compatibility	<p>Sika® Plasti-Powder 1 is compatible with all kind of Portland cements and with many other Sika® Admixtures including:</p> <p>Sikament®, Plastiment®, Sika® Retarder, Sikacrete® PP1, SikaAer®</p> <p>Note: Always conduct trials before combining products in specific mixes.</p>



Application Instructions

Mixing	Sika [®] Plasti-Powder 1 is added to the mixture of all the dry components prior the introduction of water. Mixing shall then take place until a uniform mixture consistency is achieved.
Notes	Trial mixes are recommended to establish exact dosage rates required to suit individual requirements. If assistance is needed, please contact Sika Technical Service Department. Standard curing measures and/or use of Sika Curing compounds to cure concrete and/or mortars is advisable.
Local Restrictions	Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

Health and Safety Information

Protective Measures	Upon contact with skin, wash off with soap and water. In case of contact with eyes or mucous membranes, rinse immediately with clean water and seek medical attention without delay.
Transportation Class	Non Hazardous.
Important Notes	Residues of material must be removed according to local regulations. Fully cured material can be disposed of as household waste under agreement with the responsible local authorities. Detailed health and safety information as well as detailed precautionary measures e.g. physical, toxicological and ecological data can be obtained from the material safety data sheet.

Disclaimer

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 accordance with Sika's recommendations. 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, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. 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 local Product Data Sheet for the product concerned, copies of which will be supplied on request.



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