

PRODUCT DATA SHEET

Sika® Mörtelplast MP 22

Mortar additive to adjust the workability / strong retarding

DESCRIPTION

Sika® Mörtelplast MP 22 is a combination agent for producing ready-mixed mortar which can not only specifically adjust the workability but also the working time.

USES

- Cement-based masonry mortar
- Masonry mortar with cement and fillers
- Mortar with rapid reacting binding agents
- Fine part rich sands
- High temperatures

FEATURES

Sika® Mörtelplast MP 22 causes:

- Greatly delayed reaction between binders and water
- Formation of a large number of tiny and evenly distributed air pores during mixing

This causes in masonry mortar:

- Homogeneous, stable mixture
- Extended workability time of up to 36 hours, even at high temperatures
- Improved water retention capacity
- Good workability ("suppleness")

PRODUCT INFORMATION

Composition	Sucrose / gluconate / surfactant
Packaging	Drum: 220 kg Replacement container: 1000 kg Bulk delivery: min 6 t
Appearance and colour	Fluid / Brown
Shelf life	Minimum of 1 year shelf life in sealed containers. Mix before using after longer storage times.
Storage conditions	Protect against frost, strong sunlight and contamination. Utilise clean tanks and containers when delivered in bulk.
Density	1.18 g/cm ³ at +20°C
pH-Value	approx. 5.5
Total chloride ion content	≤ 0.10 %

APPLICATION INFORMATION

Recommended dosage	5.0 - 20.0 ml per kg of cement i.e. approx. 0.6 - 2.4 % of the cement weight.
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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.

FURTHER DOCUMENTATION

DIN EN 998-2 must be observed when utilising in mortar

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

MIXING

Add in Sika® Mörtelplast MP 22 simultaneously with the addition of water or as last in the mortar mixture. The later the addition of mortar plasticizer can take place, the better the effect.

A mixing time of 3 - 5 minutes must be observed to achieve a sufficient quantity and stability of the air pores.

Ready-mixed mortar must be protected against water loss and frost.

Strength loss may occur in ready-mixed mortar with more than 36 hours of workability time.

Impurities such as e.g. oils, release agents, mixer protection or aluminium particles can cause an uncontrolled change the air pores salary.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

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 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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