

PRODUCT DATA SHEET

Sika® Plastiment® PZ 322

(formerly MasterPozzolith® 322)

Concrete improving admixture

DESCRIPTION

Sika® Plastiment® PZ 322 is a ready-to-use liquid admixture for producing better, more uniform quality concrete. It reduces the quantity of mixing water required to produce concrete of a given consistency, with greater economy for a given strength.

USES

- Improving pumped concrete, shotcrete (wet mix) and conventionally placed concrete.
- Improving plain, reinforced, precast, prestressed, lightweight or normal weight concrete.
- Use in concrete where normal and retarded setting characteristics and improved performance are desired.

PRODUCT INFORMATION

Packaging	<ul style="list-style-type: none">▪ 1000 L IBC tank▪ Bulk delivery
Shelf Life	12 months from date of production
Storage Conditions	Stored at temperatures above 5 °C, in tightly sealed original drums. If found to be frozen, thaw it and reconstitute by stirring.

SYSTEM INFORMATION

Compatibility	Sika® Plastiment® PZ 322 is compatible with all cements meeting recognized international standards.
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CHARACTERISTICS / ADVANTAGES

- Good workability - Good finishing characteristics for slab work and off-form surfaces.
- Good water reduction - Better concrete strength.
- Good cohesion - Reduces segregation particularly in lean mixes and high slump concrete.
- Higher SCM replacement - Minimum effect of set time with higher SCM replacement.

APPROVALS / STANDARDS

Sika® Plastiment® PZ 322 is formulated to meet the requirements of ASTM C494 for Type A and Type D admixture.

APPLICATION INFORMATION

Recommended Dosage	350–550 ml per 100 kg of cement. Other dosages may also be used depending on the specific working conditions. Consult a Sika representative for assistance in determining the dosage.
Dispensing	Sika® Plastiment® PZ 322 can be added into the mixing water or can be added to the wet concrete after the mixing water has been added. The addition of Sika® Plastiment® PZ 322 to a dry concrete mix is not recommended. A separate dispenser and feed line must be used. Sika® Plastiment® PZ 322 can be added to the concrete with mixing water.

BASIS OF PRODUCT DATA

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.

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.

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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