

PRODUCT DATA SHEET

Sika® Plastiment® RT 128

(formerly MasterPozzolith® RT 128)

Set retarding and water reducing concrete admixture

DESCRIPTION

Sika® Plastiment® RT 128 is a ready-to-use, liquid admixture for producing quality concrete with consistent performance.

It reduces the quantity of mixing water required to produce concrete of a given reliability with greater economy for a given strength. The retarding nature of the admixture also aids placing and finishing of concrete.

Sika® Plastiment® RT 128 meets ASTM C494/C494M – 08a Type B (Retarding) and Type D (water-reducing and retarding) admixtures. It does not contain chloride-based ingredients and will not initiate or promote corrosion of reinforcing steel in concrete.

USES

Sika® Plastiment® RT 128 admixture is recommended for use in all types of concrete where moderate to extended retardation of set and improved performance are desired. The admixture improves workability of pumped concrete, shotcrete (wet mix) and conventionally placed concrete.

Sika® Plastiment® RT 128 admixture can be used with air entraining admixtures approved under ASTM 260-06. When used in conjunction with another admixture, each admixture must be dispensed separately into the mix. By itself, Sika® Plastiment® RT 128 admixture does not entrain air.

Concrete produced with Sika® Plastiment® RT 128 admixture will have appreciable strength development after initial set occurs. If retardation is within the normal ASTM C 494/C494M – 08a types B and D specifications, Sika® Plastiment® RT 128 admixture will develop higher early (24 hours) and higher ultimate strengths than plain concrete when used within the recommended dosage range and under normal, comparable curing conditions.

CHARACTERISTICS / ADVANTAGES

Sika® Plastiment® RT 128 used at optimum dosage enhances the performance of concrete providing the following special qualities:

- Improved workability
- Reduced segregation
- Superior finishing characteristics for flatwork and cast surfaces
- Controlled retardation depending on the rate of addition
- Provides flexibility in scheduling of placing and finishing
- Offsets effects of too early hardening during extended delays between mixing and placing
- Helps eliminate cold joints
- Lowers peak temperature and/or rate of temperature rise in mass concrete-reduces thermal cracking

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	Store at temperatures above 0 °C, in tightly sealed original drums. If found to be frozen, thaw it and reconstitute by stirring.

APPLICATION INFORMATION

Recommended Dosage	Sika® Plastiment® RT 128 admixture is recommended for use at the rate of 100–300 ml per 100 kg of cementitious for most concrete mixes using typical concrete ingredients. Because of variations in job conditions and concrete materials, dosage rates other than recommended amounts may be required. In such cases, contact your Sika representatives.
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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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