

PRODUCT DATA SHEET

SikaPlastiment® R 8388

(formerly MasterPolyheed® R 8388)

A retarding performance enhancing concrete admixture

DESCRIPTION

SikaPlastiment® R 8388 is a ready-to-use liquid admixture for making superior and consistently uniform quality concrete. Selective retarders are incorporated in the formulation to facilitate placing and finishing. SikaPlastiment® R 8388 meets the requirements of ASTM C494 for Types A and D admixtures. SikaPlastiment® R 8388 is compatible with all cements meeting recognized international standards.

USES

- Bedding tiles, fixing or re-fixing slip bricks.
- Generally, various types of concrete where set retardation and superior performance are required.
- Improving quality of conventionally placed concrete and pumped concrete.
- Improving plain, reinforced, precast, prestressed, light weight or standard weight concrete.

FEATURES

- Good water reduction - Helps in achieving better durability. Increases compressive, flexural and bond strengths. Additionally, improves watertightness.
- Good workability - Easier pumpability & placement.
- Good cohesion - Reduces segregation.

PRODUCT INFORMATION

Packaging	200 l/ PE drum 1,000 l/ IBC Tank
Shelf life	12 months from the date of production If stored properly in undamaged, original, sealed packaging.
Storage conditions	Store in dry conditions, protected from direct sunlight
Colour	Light Brown
Specific gravity	1.07 ~ 1.11
pH-Value	7.0 ~ 10.0

APPLICATION INFORMATION

Recommended dosage	SikaPlastiment® R 8388 is recommended for use at a dosage rate of 150-600ml per 100 kg of cementitious materials. The optimum dosage of SikaPlastiment® R 8388 is dependent on various factors including materials and conditions that would be experienced at site. Variations in the job conditions and concrete making materials employed may require dosage rates outside the recommended range.
Dispensing	SikaPlastiment® R 8388 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 SikaPlastiment® R 8388 to a dry concrete mix is not recommended. A separate dispenser and feed line must be used.

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.

LIMITATIONS OF USE

Overdosing will result in increased workability and setting time of the concrete; however provided that curing is effective, ultimate concrete strength and properties will not be affected. Use an appropriate concrete mixer and do not mix by hand. Trials mixes are recommended to establish exact dosage rates required to suit individual requirements. Please contact Sika Technical Department for further assistance. Effective measures for concrete curing must be followed.

ECOLOGY, HEALTH AND SAFETY

Protective Measures: Avoid prolonged contact with skin, Wash off thoroughly with soap water. In case of contact with eyes or mouth, rinse immediately with clean warm water and seek medical attention without delay. Avoid contact with food stuff and utensils.

Ecology/ Waste disposal: Do not dispose of into water or soil, but according to local regulations.

Transportation class: Non-hazardous

Toxicity: Non-toxic

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 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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