

## PRODUCT DATA SHEET

# Sikament® PH 8395

(formerly MasterPolyheed® 8395)

## High-Range Water Reducing and Retarding Admixture

### DESCRIPTION

Sikament® PH 8395 is a superplasticizing, high-range water reducing and retarding admixture. The ready-to-use chloride free liquid admixture meets ASTM C 494 requirements for Type D & Type G. It is compatible with all cements meeting recognized international standards.

### USES

- Mass-Concrete
- Ready-mixed concrete
- Long distance transport
- Pumped concrete
- Hot Weather Concreting
- Use with all cements and air-entraining admixtures approved under ASTM, AASHTO, CRD & BSI

### FEATURES

Sikament® PH 8395 provides the following properties:

**As a superplasticizer with set retarding effect:**

- Highly effective without increased w/c ratio
- Lasting control of slump loss
- Controlled setting time
- Avoidance of cold joints
- No adverse effect on ultimate strength

**As a water reducer:**

- Strength significantly increased
- Allow substantial cement reduction compared to plain concrete
- Especially suitable for hot climate
- No excessive air entrainment
- No adverse shrinkage effect
- Improved surface finish

### PRODUCT INFORMATION

Packaging	200 Lit PE Drum / 1000 Lit IBC Tank
Shelf life	12 months from the date of production if stored properly in undamaged, original, sealed packaging
Storage conditions	Stored in dry conditions, protected from direct sunlight
Colour	Dark Brown
Specific gravity	1.11~1.15
pH-Value	8.0 ~ 11.0

## APPLICATION INFORMATION

<b>Recommended dosage</b>	Sikament® PH 8395 is normally dispensed at a rate of 0.4 - 1.8 L per 100 kg of cementitious materials. Other dosages may also be used depending on the specific working conditions.
<b>Dispensing</b>	The addition of Sikament® PH 8395 to a dry mix is not recommended. Sikament® PH 8395 can be dosed either at the batching plant or at the placing site. At the batching plant, introduce Sikament® PH 8395 at the specified dosage directly into the mixer through a dispenser along with mixing water, when the concrete is thoroughly wetted (i.e. after adding at least 75% of the mixing water) and mix for at least 2 minutes. If added at the placing site, mix for at least 2 minutes after the addition.
<b>Compatibility</b>	Sikament® PH 8395 is compatible with both water reducer and air entraining agents approved under ASTM specifications but it should be dispensed separately into the concrete mix. Sikament® PH 8395 is not compatible with Sikaplast® admixtures.

## 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 INFORMATION

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. Accurate dispensing equipment can be supplied by Sika Myanmar Limited, Use an appropriate concrete mixer and do not mix by hand, Trial mixes are recommended to establish exact dosage rates required to suit individual requirements, Please contact Sika Technical Department for further assistance.

## 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.

**Transportationclass:** 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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