

PRODUCT DATA SHEET

SikaPlast®-572 RE

Water Reducing and Retarding Concrete Admixture

DESCRIPTION

SikaPlast®-572 RE is a set retarding concrete admixture with moderate water reduction. Admixture for controlling workability and setting time for Roller Compacted Concrete (RCC) and Ready Mixed Concrete.

USES

SikaPlast®-572 RE can be used for high quality concrete in difficult conditions, such as:

- High temperature
- Long haul
- Extended retardation concrete
- Roller Compacted Concrete
- Ready Mixed Concrete
- Wherever high quality dense concrete is needed

CHARACTERISTICS / ADVANTAGES

SikaPlast® 572 RE, provides the following beneficial properties:

- Controlled setting time at elevated temperature
- Long lasting control of slump loss
- Improved workability
- Increased ultimate strength
- Reduced shrinkage and creep
- Extended workability in conjunction with subsequent strength development chloride free does not attack reinforcement

APPROVALS / STANDARDS

IS 9103, ASTM C494 Type B, D.

PRODUCT INFORMATION

Chemical base	Polycarboxylate Ether
Packaging	230 kg HDPE carboy or Tanker supply
Shelf life	12 months from date of production if stored properly in undamaged unopened, original sealed packaging.
Storage conditions	Store in dry conditions at temperatures between +10°C and +40°C. Protect from direct sunlight and frost.
Appearance / Colour	Light Brown Liquid
Density	~1.04 kg/l at 25°C
pH-value	≥ 6

APPLICATION INFORMATION

Recommended Dosage	0.2 % to 2% b. w. o. cementitious. Optimum dosage has to be finalized through site trials. Stir well before use.
Dispensing	SikaPlast®-572 RE is added to the gauging water or added with it into the concrete mixer. To take advantage of the high water reduction, a wet mixing time, which is depending on the mixing conditions and mixer performance, of at least 60 seconds is recommended. To avoid excess water in the concrete, the final dosage must begin only after 2/3 of the wet mixing time.
Compatibility	SikaPlast®-572 RE may be combined with many other Sika® products. Compatible with all types of cements and cementitious materials. Important: Always conduct trials before combining products in specific mixes and combinations.

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.

IMPORTANT CONSIDERATIONS

When using SikaPlast®-572 RE a suitable mix design has to be taken into account and local material sources shall be trialled.

SikaPlast®-572 RE shall not be added to dry cement. Excessive water addition, overdosing, changes in aggregates properties, cement properties, cementitious materials properties may cause bleeding, segregation issue, workability or setting issues.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

MAINTENANCE

CLEANING

Clean all tools and application equipment with water immediately after use.

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.

Sika India Pvt. Ltd.
620, Diamond Harbour Road
Commercial Complex II
Kolkata - 700 034
West Bengal, India

Contact:
Phone: +91 33 2447 2448
Fax: +91 33 2397 8688
info.india@in.sika.com
www.sika.in



Product Data Sheet
SikaPlast®-572 RE
June 2024, Version 01.01
021301011000005135

SikaPlast-572RE-en-IN-(06-2024)-1-1.pdf

