Sika® Plastocrete® Super

Liquid Integral water reducing cum waterproofing admixture

Product Description

Water reducing and waterproofing admixture for all types of concrete and mortar.

Uses

Sika® Plasocrete® Super is recommended for use in structural and mass concrete, particularly for the following:
- Sloped Roof Slab
- Flat Roof Slab
- Beams
- Columns
- Slabs etc

Also used in:
- Internal and external plaster of buildings etc.
- Repair and renovation

Characteristics / Advantages

Sika® Plasocrete® Super provides the following beneficial properties:
- Compatible with all varieties of Portland cement including Slag Cement.
- Required at a very small dosage hence convenient to handle and greater economy
- Improves water tightness to a great extent.
- Reduced shrinkage, better finish
- Improves workability
- Rebound loss is low
- No added chloride- does not attack reinforcement

Tests

Approvals/Standards

IS 9103-1999, IS 2645-1975 and ASTM C-494

Product Data

Form

Appearance / Colour
Brown liquid

Packaging
100gm, 500gm, 1kg, 5kg, 10kg, 20kg, 100kg

Storage

Storage Conditions / Shelf -Life
Best before 12 months from date of production if stored properly in undamaged, unopened, original sealed packaging in dry conditions at temperatures between +10°C and +40°C. Protect from direct sunlight and frost.
Technical Data

**Chemical Base**
Modified Napthalene Formaldehyde Sulphonate

**Specific Gravity**
~1.04 at 25°C

**pH**
>6

System Information

**Application Details**

**Consumption / Dosage**
0.2% by weight of cement (100g per 50kg bag of cement)

**Applications conditions/Limitations**

**Compatibility**
Sika® Plasocrete® Super may be combined with many other Sika® products.

Important: Always conduct trials before combining products in specific mixes and combinations. Compatible with all types of cement and cementitious material

Application Instructions

**Dispensing**
For Concrete:
- Mix cement, aggregates and sand and dry mix
- Add 50-70% of required water and mix the mass to make it moist
- Add Sika® Plasocrete® Super to the remaining water and pour it in the mixing drum and mix the entire quantity for approx. 3 minutes to achieve homogeneous mix

For Mortar:
- Mix cement and sand and dry mix
- Add 50-70% of required water and mix the mass to make it moist
- Add Sika® Plasocrete® Super to the remaining water and pour in the mixture
- Mix the entire quantity for approx. 3 minutes to achieve homogeneous mix

**Application Method/Tools**

By use Sika® Plasocrete® Super concrete of highest quality can be produced.

The standard rule of good concreting practice, concerning production, placing and testing are to be followed.

Fresh concrete must be cured as per the relevant standard.

Cleaning of Tools

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

Hardened / cured material can only be mechanically removed.

Notes on Applications/Limitations

If frozen and/or if precipitation occurs, Sika® Plasocrete® Super may be used after thawing slowly at room temperature and after intensive mixing.

Value Base

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.

Health and Safety Information

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.

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.