



PRODUCT DATA SHEET

Sika® Plastocrete®-161 CA

WATER-REDUCING, POLYMER-TYPE AND NON-CORROSIVE ADMIXTURE



PRODUCT DESCRIPTION

Sika® Plastocrete®-161 CA is a water reducing, polymer based admixture for concrete. Sika® Plastocrete®-161 CA is a highly purified and concentrated multi-component admixture. It contains no chlorides.

WHERE TO USE

Sika® Plastocrete®-161 CA is designed for use in all types of concrete where a water reducing, strength increasing admixture is required.

CHARACTERISTICS / ADVANTAGES

Sika® Plastocrete®-161 CA improves the performance of concrete in the plastic and hardened state providing:

- Improved workability
- Improved finishing characteristics
- Improved durability and permeability
- Increased flexural and compressive strength
- Reduced segregation and cracking
- Improved formed surfaces

APPROVALS / CERTIFICATES

Conforms to :

- ASTM C494, TYPE A
- AASHTO M-194, TYPE A

PRODUCT INFORMATION

CSC MasterFormat®	03 05 00 WATER-REDUCERS
Packaging	20 L (5.2 US gal.) pail 205 L (54 US gal.) drum 1040 L (275 US gal.) IBC Bulk delivery.
Shelf Life	1 year when stored in dry warehouse conditions between 10-27°C (50-80°F).
Storage Conditions	Store at above 5°C (40°F). If frozen, thaw and agitate thoroughly to return to normal state before use
Appearance / Colour	Dark brown liquid
Specific Gravity	Approx. 1.2

APPLICATION INFORMATION

Recommended Dosage

Sika® Plastocrete®-161 CA is normally added to the concrete at a rate of 250-500 mL/100 kg (4-8 fl.oz. per 100 lbs.) of cementitious material. Specific dosage requirements will be dependent on local materials and the intended use of the concrete. Please contact your Sika Canada Technical Sales Representative for further information.

Mixing

Sika® Plastocrete®-161 CA is compatible with air entraining admixtures and superplasticizers. Sika® Plastocrete®-161 CA should be dispensed separately with the water at the time of batching. Do not mix directly with other admixtures.

BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

ENVIRONMENT, HEALTH & 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.

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 recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: www.sika.ca

Sika Canada Inc.

Head Office
601, avenue Delmar
Pointe-Claire, Quebec
H9R 4A9
1-800-933-SIKA
www.sika.ca

Other locations

Boisbriand (Quebec)
Brantford; Cambridge;
Sudbury; Toronto (Ontario)
Edmonton (Alberta)
Surrey (British Columbia)

Product Data Sheet

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