

Plastocrete® 161 HE

Accelerating Admixture

Description	Plastocrete® 161 HE is a set accelerating admixture formulated to reduce concrete set times. Plastocrete® 161 HE contains calcium chloride. Plastocrete® 161 HE meets the requirements of ASTM C-494, Types C and E.
Applications	Plastocrete® 161 HE is recommended where an economical and effective set accelerator is required to reduce set times and increase early compressive strength throughout a wide range of temperatures.
Benefits	<p>Cold Weather Concreting: When Plastocrete® 161 HE is added to the mix, set times of cold weather concrete approach those of normal weather conditions.</p> <p>Accelerated Set Times and Strength Development: Plastocrete® 161 HE may be used to accelerate setting times where job-site efficiency is important in order to maintain construction deadlines.</p> <p>Reduced setting and curing times offer significant economies in the following areas:</p> <ul style="list-style-type: none">■ Insulation and heating costs during curing times are reduced■ Accelerated setting times allow crews to finish concrete earlier and save time and costs for finishing operations.■ Earlier stripping and reuse of forms increase labor productivity and reduce job site labor costs.■ Accelerated strength gain allows earlier structural use of concrete and speeds up project completion time.
How to Use	
Dosage	Dosage rates of 6-64 fl. oz. 100 lbs. (390 - 4160 ml / 100 kg) cementitious are recommended for most applications. When dosage used is more than 16 fl.oz. / cwt. adjust mixing water accordingly.
Mixing	Measure the required quantity manually or by automated dispenser. Add into the water line at the batch plant or directly to the mixer at the end of the batching cycle. When used in combination with other admixtures, care must be taken to dispense each admixture separately into the mix. Do not mix with dry cement.

Concrete



PRIOR TO EACH USE OF ANY SIKA PRODUCT, THE USER MUST ALWAYS READ AND FOLLOW THE WARNINGS AND INSTRUCTIONS ON THE PRODUCT'S MOST CURRENT PRODUCT DATA SHEET, PRODUCT LABEL AND SAFETY DATA SHEET WHICH ARE AVAILABLE ONLINE AT [HTTP://USA.SIKA.COM/](http://usa.sika.com/) OR BY CALLING SIKA'S TECHNICAL SERVICE DEPARTMENT AT 800-933-7452. NOTHING CONTAINED IN ANY SIKA MATERIALS RELIEVES THE USER OF THE OBLIGATION TO READ AND FOLLOW THE WARNINGS AND INSTRUCTION FOR EACH SIKA PRODUCT AS SET FORTH IN THE CURRENT PRODUCT DATA SHEET, PRODUCT LABEL AND SAFETY DATA SHEET PRIOR TO PRODUCT USE.

Combination with Other Admixtures: Plastocrete® 161 HE performs effectively as single admixture or in combination with other admixtures in the Sika System.

Packaging	Plastocrete® 161 HE is available in 55 gallon drums (208 liter), 275 gallon totes (1040 liters) and bulk delivery.
Storage and Shelf Life	Plastocrete® 161 HE will begin to freeze at 20°F (-7°C). If frozen, thaw and agitate thoroughly to return to normal state before use. Shelf life when stored in dry warehouse conditions between 50°F and 80°F (10°C -27°C) is one year minimum.
Typical Data	
Appearance	Dark Brown Liquid
Specific Gravity	Approx. 1.25

KEEP CONTAINER TIGHTLY CLOSED • KEEP OUT OF REACH OF CHILDREN • NOT FOR INTERNAL CONSUMPTION • FOR INDUSTRIAL USE ONLY • FOR PROFESSIONAL USE ONLY

All information provided by Sika Corporation ("Sika") concerning Sika products, including but not limited to, any recommendations and advice relating to the application and use of Sika products, is given in good faith based on Sika's current experience and knowledge of its products when properly stored, handled and applied under normal conditions in accordance with Sika's instructions. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of Sika's control are such that Sika assumes no liability for the provision of such information, advice, recommendations or instructions related to its products, nor shall any legal relationship be created by or arise from the provision of such information, advice, recommendations or instructions related to its products. The user of the Sika product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with the full application of the product(s). Sika reserves the right to change the properties of its products without notice. All sales of Sika product(s) are subject to its current terms and conditions of sale which are available at <http://usa.sika.com/> or by calling 800-933-7452.

Sika warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within shelf life. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor.

NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.

Sika Corporation
201 Polito Avenue
Lyndhurst, NJ 07071
Phone: (201) 933-8800
Fax: (201) 933-6225
usa.sika.com

Sika Canada Inc.
601, Delmar Avenue
Pointe-Claire, QC H9R 4A9
Phone: (514) 697-2610
Fax: (514) 697-3087
can.sika.com

Regional Information and Sales Centers. For the location of your nearest Sika representative, contact your regional center.

U.S. :
Northeast: Fairless Hills, PA, Phone: (215) 295-6600
South East: Conyers, GA, Phone: (770) 760-1300
Western Region: Santa Fe Springs, CA, Phone: (972) 289-6480

North Central: Ottawa, IL 61350, Phone: (815) 431-1080
South Central: Mesquite, TX, Phone: (972) 289-6480

Canada: **Ontario:** Mississauga, ON, Phone: (905) 795-3177

Alberta: Edmonton, AB, Phone: (780) 486-6111

Quality Certification Numbers: Lyndhurst: FM 69711 (ISO 9000), FM 70421 (QS 9000), Marion: FM 69715, Kansas City: FM 69107, Santa Fe Springs: FM 69408



PRIOR TO EACH USE OF ANY SIKA PRODUCT, THE USER MUST ALWAYS READ AND FOLLOW THE WARNINGS AND INSTRUCTIONS ON THE PRODUCT'S MOST CURRENT PRODUCT DATA SHEET, PRODUCT LABEL AND SAFETY DATA SHEET WHICH ARE AVAILABLE ONLINE AT [HTTP://USA.SIKA.COM/](http://usa.sika.com/) OR BY CALLING SIKA'S TECHNICAL SERVICE DEPARTMENT AT 800-933-7452. NOTHING CONTAINED IN ANY SIKA MATERIALS RELIEVES THE USER OF THE OBLIGATION TO READ AND FOLLOW THE WARNINGS AND INSTRUCTION FOR EACH SIKA PRODUCT AS SET FORTH IN THE CURRENT PRODUCT DATA SHEET, PRODUCT LABEL AND SAFETY DATA SHEET PRIOR TO PRODUCT USE.