



## PRODUCT DATA SHEET

# SikaCem® Summer Extender

Summer Additive For Rapid Hardening, Cementitious Repair Mortars

### PRODUCT DESCRIPTION

SikaCem® Summer Extender is an additive for rapid hardening, cementitious mortars (e.g. SikaQuick®-1000 / SikaQuick®-1000 LD, SikaQuick®-2500, SikaQuick® VOH / SikaQuick® VOH LD, SikaQuick®-800, Sikacrete®-421 CI Rapid) formulated to increase their Application Times without affecting their workability or compressive strength development.

### USES

With rapid hardening, cementitious mortars (e.g. SikaQuick®-1000 / SikaQuick®-1000 LD, SikaQuick®-2500, SikaQuick® VOH / SikaQuick® VOH LD, SikaQuick®-800, Sikacrete 421®-CI Rapid) when warmer ambient and substrate temperatures rise to 75 - 100 °F (24 - 38 °C).

### CHARACTERISTICS / ADVANTAGES

- Easy to use; add into clean, cool mixing water
- Increases working time for rapid hardening mortars in hot weather applications by approximately 15 minutes
- Non-chloride based technology

### PRODUCT INFORMATION

<b>Packaging</b>	10 pound (4.5 kg) pail with 1 plastic cup included. 1 full, level cup of SikaCem® Summer Extender contains 7.8 ounces (220 grams) by weight. 100 pails per pallet.
<b>Shelf Life</b>	12 months from date of production if stored properly in original, unopened and undamaged, sealed packaging.
<b>Storage Conditions</b>	Store in cool, dry, well ventilated conditions, out of direct sunlight at 40 - 95 °F (4 - 35 °C). Protect powder from moisture. If permitted to become damp, discard material.

## APPLICATION INFORMATION

### Recommended Dosage

Depending on the selected SikaQuick® repair mortar, typical Application Times range between approximately 15 to 30 minutes at 75 °F (24 °C), 50% Relative Humidity. Please consult the current product data sheet for the selected SikaQuick® repair mortar for additional information.

Recommended dosage to increase typical Application Time by approximately 15 minutes based on actual ambient and substrate temperatures for:

- 50 lb (22.7 kg) bag of SikaQuick®-1000 / SikaQuick®-1000 LD
- 50 lb (22.7 kg) bag of SikaQuick®-2500
- 44 lb (20.0 kg) bag/pail of SikaQuick® VOH / SikaQuick® VOH LD
- 50 lb (22.7 kg) pail of SikaQuick®-800
- 65 lb (29.0 kg) bag of Sikacrete 421®-CI Rapid

75 - 85° F (24 - 29 °C)

85 - 100 °F (29 - 38 °C)

1/2 cup\*

1 cup\*

\*1 cup (included in pail) filled level with SikaCem® Summer Extender is approximately 7.8 ounces (220 grams) by weight

### Ambient Air Temperature

75 - 100 °F (24 - 38 °C)

### Substrate Temperature

75 - 100 °F (24 - 38 °C)

## BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

## LIMITATIONS

- SikaCem® Summer Extender cannot be used as a stand-alone product.
- Protect from moisture until ready to use.
- Rapid hardening cementitious mortars mixed with SikaCem® Summer Extender do not form vapor barriers when cured.
- Bonding agents (e.g. Sika® Arimatec® products) which cure at slower rates than the selected, rapid hardening, cementitious repair mortar mixed with SikaCem® Summer Extender, should not be used. Follow Surface Preparation recommendations [including those for creating a saturated surface dry (SSD) substrate condition] and Priming (i.e. "scrub coat") recommendations as published in the current product data sheet for the selected, rapid hardening, cementitious repair mortar being installed.
- Refer to ACI 305R, the "Guide to Hot Weather Concreting" for industry standard information and advice when placing cementitious materials in hot ambient and substrate temperature conditions.

## ENVIRONMENTAL, HEALTH AND SAFETY

For more information and advice on the safe handling, storage and disposal of chemical products, users shall

refer to the current Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety related data.

## APPLICATION INSTRUCTIONS

### MIXING

- Wet down all tools and mixing equipment to be used.
- Pour the required amount of clean, cool, potable water into a suitably sized and clean mixing container using a calibrated measuring jug or similar, to ensure strict control of the water content. **Do not overwater.**
- Add the required amount of SikaCem® Summer Extender per bag of selected rapid hardening, cementitious repair mortar into the water (based on actual ambient and substrate temperature conditions) and stir until it is dissolved.
- Slowly and carefully add entire contents of bag containing the selected rapid hardening, cementitious repair mortar to the container while mixing with a low speed drill (400 - 600 rpm) and mortar paddle, or in an appropriate mortar mixer.
- Mix mortar to a uniform consistency (typically not to exceed a maximum 3 minutes) until a lump-free, consistent blend is achieved.
- Refer to the current Product Data Sheet for complete and detailed instructions on the use of the selected rapid hardening, cementitious repair mortar.

## OTHER RESTRICTIONS

See Legal Disclaimer.

### Product Data Sheet

SikaCem® Summer Extender  
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## LEGAL DISCLAIMER

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

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at [usa.sika.com](http://usa.sika.com) or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

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 the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **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.**

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