

## PRODUCT DATA SHEET

# SikaMix® AE-6 M

### INTEGRAL WATER-REPELLENT ADMIXTURE FOR MASONRY MORTAR

#### PRODUCT DESCRIPTION

SikaMix® AE-6 M is an integral water-repelling liquid admixture for use in masonry mortar. SikaMix® AE-6 M reacts with the cement, filling the mortar pores with a water insoluble compound that densifies the masonry mortar. This reduces the mortar's water absorption capability and decreases overall migration of water throughout the mortar.

SikaMix® AE-6 M has been tested according to the following standards:

- ASTM E514: "Standard Test Method for Water Penetration and Leakage Through Masonry"
- ASTM C1403: "Standard Test Method for Rate of Water Absorption of Masonry Mortars"
- ASTM C1072: "Standard Test Methods for Measurement of Masonry Flexural Bond Strength"

#### USES

SikaMix® AE-6 M is part of the SikaMix® water-repellency system. SikaMix® AE-6 M provides water-repellency through the entirety of the mortar and reduces efflorescence and improves and maintains color intensity. SikaMix® AE-6 M provides high quality mortar and high quality joints and bonds in construction projects. When used ensemble, the SikaMix® water-repellant system will provide a superior level of water-repellency.

#### CHARACTERISTICS / ADVANTAGES

SikaMix® AE-6 M provides the following benefits:

- Reacts with the cement to provide water-repellency throughout the entirety of the mortar
- Reduces mortar permeability
- Reduces water absorption
- Reduces efflorescence
- Improves color intensity
- Provides protection from staining and growth of mold, mildew and algae
- Improved shelf stability compared to previous generation products

SikaMix® AE-6 M does not contain intentionally added chlorides.

## PRODUCT INFORMATION

<b>Packaging</b>	SikaMix® AE-6 M is available in 5-gallon (20-liter) pails.
<b>Appearance / Color</b>	White Liquid
<b>Shelf Life</b>	Shelf life when stored in dry warehouse conditions between 40°F and 80°F (5-27°C) is one year from date of manufacture.
<b>Storage Conditions</b>	SikaMix® AE-6 M should be stored in dry warehouse conditions between 40°F and 80°F (5-27°C). If the product separates or settles during this period, reconstitute the product to normal state by agitation. Protect from direct sunlight. If frozen, SikaMix® AE-6 M cannot be reconstituted and must be discarded according to applicable local laws.
<b>Specific gravity</b>	Approx. 0.980

## APPLICATION INFORMATION

<b>Recommended Dosage</b>	<p>The recommended dosage rate of SikaMix® AE-6 M for masonry mortar applications is 8 fl. oz (237 mL) / 80 lb (36 kg) bag of hydrated lime, masonry cement or mortar cement. Shake well prior to use.</p> <p>Trial batches are strongly recommended to determine the optimal dosage of SikaMix® AE-6 M prior to usage.</p> <p>To the extent specialized materials are specified, extreme ambient project conditions are encountered, or other unusual project conditions require special consideration outside the recommended dosage, please contact your local regional Sika office or Sika technical service department at 1-800-933-7452 prior to using the Sika admixture.</p>
<b>Mixing</b>	<p>To maximize admixture performance do not introduce SikaMix® AE-6 M to dry cementitious materials. Optimal performance is achieved when SikaMix® AE-6 M is added directly into mixing water. Alternatively, SikaMix® AE-6 M can be added to the mortar after the water has been added and blended. After the introduction of the remainder of mix components, mix thoroughly. Mixing time will vary based on the equipment used.</p>

## 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.

## ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

## OTHER RESTRICTIONS

See Legal Disclaimer.

## 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.**

Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at <https://usa.sika.com/en/group/SikaCorp/termsandconditions.html> or by calling 1-800-933-7452.

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