

## PRODUCT DATA SHEET

# SikaEmaco<sup>®</sup>-110 PVA

### WATER-BASED POLYVINYL ACETATE BONDING AGENT

#### PRODUCT DESCRIPTION

SikaEmaco<sup>®</sup>-110 PVA is a water-based polyvinyl acetate bonding agent. Apply it by brush, roller, or spray to masonry, gypsum plaster, concrete, and wallboard before topping with plaster or concrete mortar.

#### USES

- Interior and exterior
- Vertical and overhead
- Horizontal (interior only)
- Above grade

#### Substrates

- Concrete
- Masonry
- Stucco
- Drywall and gypsum board
- Portland cement plaster
- Brown coat prior to veneer plaster

#### PRODUCT INFORMATION

<b>Chemical Base</b>	SikaEmaco <sup>®</sup> -110 PVA is polyvinyl acetate based.	
<b>Packaging</b>	1 gallon (3.8 L) bottles 5 gallon (18.9 L) pails 30 gallon (113.6 L) drums	
<b>Shelf Life</b>	12 months when properly stored	
<b>Storage Conditions</b>	Store it in unopened containers in a clean, dry area between 35 and 110° F (2– 43°C). Keep from freezing.	
<b>Density</b>	8.9 lbs/gal (1.07 kg/L)	(ASTM D 1475)
<b>Solid content by mass</b>	44%	(ASTM D 5201)

#### Industries

- Commercial
- Residential
- Industrial
- Infrastructure

#### CHARACTERISTICS / ADVANTAGES

- Improves adhesion of plaster or concrete mortar to a variety of substrates.
- Alkali resistant to stand up to chemical attack from cementitious and masonry materials.
- Tinted for easy visual confirmation of coverage.
- Can be applied by brush, roller, or spray for ease of use under varied jobsite conditions.
- VOC compliant for EPA and most regional jurisdictions.

## APPLICATION INFORMATION

### Coverage

200 – 300 ft<sup>2</sup>/gal (4.9 – 7.4 m<sup>2</sup>/L).  
Coverage will vary depending on surface texture and porosity.

## 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.

## APPLICATION INSTRUCTIONS

- SikaEmaco®-110 PVA should not be used under constant exposure to wet conditions, such as swimming pools, decks, retaining walls, sidewalks, parking ramps, or below-grade applications.
- Do not apply when the temperature (substrate or ambient) is 40° F (4° C) or below or is expected to fall below 40° F (4° C) within 12 hours after application.
- Do not thin.
- Do not use it on any exterior horizontal surface.
- Do not use water-soluble materials such as glue, calcimine, wallpaper, or casein-based adhesives.
- For professional use only; not for sale to or use by the general public.
- Make certain the most current versions of the product data sheet and SDS are being used.
- Proper application is the responsibility of the user. Field visits by Sika personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

## SUBSTRATE PREPARATION

1. Surfaces should be clean and sound and free of all bond-inhibiting contaminants.
2. Concrete substrates should be fully cured.
3. Point or seal all cracks or voids.

## MIXING

Prior to use, mix at a slow speed with a drill and mixing paddle to ensure uniform color dispersion and to minimize air entrapment.

## APPLICATION

1. Do not apply on substrates that will be exposed to water
2. Apply SikaEmaco®-110 PVA by brush, roller, or spray to produce a thin, continuous film. Do not allow SikaEmaco®-110 PVA to puddle or accumulate in low spots.
3. Allow SikaEmaco®-110 PVA to dry tack-free before applying wet plaster or cement.
4. Subsequent application of new plasters and cement must be performed within 72 hours of applying SikaEmaco®-110 PVA, provided that the cured material is clean, dust-free, and intact.

## Acoustical or Interior Veneer Plaster

When applying 2 coats of acoustical plaster or when plastering over a scratch and brown coat, allow the base coat to completely dry prior to application of SikaEmaco®-110 PVA and finish coat.

## CLEANING OF TOOLS

Clean all tools and equipment with warm soapy water immediately after use. Cured material may be removed by mechanical means.

## 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.

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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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