

Simply Primer EP3

A Two-Component, Low Odor, Liquid Applied, Intercoat Primer for Polyurethane and Polyurea Coatings for Indoor or Outdoor in light duty and heavy traffic areas

Description

Simply Primer EP3 is a two-component, low odor, liquid-applied, intercoat primer for polyurethane and polyurea coatings. This primer provides good inter-coat adhesion. Simply Primer EP3 is recommended for indoor or outdoor light or heavy traffic areas. Please use the correct product grade that complies with VOC regulations as per federal, state, statutory bodies, county and city regulations/codes at the place of product installation.

Features

- 100% Solids
- Excellent Adhesion
- Low Viscosity
- Low Odor
- Solvent Free

Typical Uses

- Concrete
- Glass-reinforced plastics
- Plywood
- Polyurethane elastomeric surfaces

Colors

Side - A: Black, Side - B: Tan

Packaging

2-Gallon Kit: 1-gallon (3.78 liter) can of Side-A Black liquid and 1-gallon (3.78 liter) can of Side-B Tan liquid.
10-Gallon Kit: 5-gallon (18.9 liter) pail of Side-A Black liquid and 5-gallon (18.9 liter) pail of Side-B Tan liquid.

Surface Preparation

Refer to General and Safety Guidelines for complete information.

Concrete surfaces require a medium sandpaper finish equal to or greater than an ICRI CSP #3. Surface preparation may be completed by shot-blasting or the use of Simply Profile Etch cleaner. Peel and adhesion tests are recommended.

Install a 100-200 sq.ft. (9.30-18.58 sq.m) mock-up of the system to be installed and approve for aesthetics, color, texture, actual coverage rates and functionality before proceeding.

Mixing

Simply Primer EP3 Side-A and Side-B should be thoroughly mixed individually prior to combining to ensure a homogeneous material. The volume mixing ratio is 1 part Side-A Black liquid to 1 part Side-B Tan liquid (1A:1B). The combined components should be thoroughly mixed using a mechanical mixer a slow speed or for at least 5 minutes if mixed by hand.

TECHNICAL DATA (Based on draw down films)

Theoretical Coverage Rate: 1 gallon/300 sqft or 300 sqft/gallon (0.14 liters/sqm)

Pot Life 75°F (24°C) @ 50% RH	30-60 minutes
-------------------------------	---------------

Dry Film Thickness per Coat	5±1 mils (127±25 microns)
-----------------------------	------------------------------

Specific Gravity	A-Side: 1.22 ± 0.1 B-Side: 0.98 ± 0.1
------------------	--

Viscosity, at 75°F (24°C) Side-A & B combined	500±100 cps
--	-------------

Total Solids by Weight, ASTM D-2369	97.8 ± 2%
-------------------------------------	-----------

Total Solids by Volume, ASTM D-2697	98.8 ± 2%
-------------------------------------	-----------

Volatile Organic Compounds ASTM D-2369-81	0.21 lbs/gal (90 gm/liter)
--	-------------------------------

Elongation at Break, ASTM D-412	300-400% ± 50 psi
---------------------------------	-------------------

Application

Simply Primer EP3 should be applied at a rate of 1-gallon (mixture of Side-A & Side-B) in an even and puddle-free application per 300 sq.ft. or 300 sq.ft./gallon (0.14 liters/sq.m). It can be applied using an airless sprayer, brush or phenolic resin core roller.

Allow Simply Primer EP3 to become thumb-print tack-free before applying the coating. Approximate tack free time is 1-2 hours at 75 degrees F (24 degrees C) and 50% relative humidity. Coverage rates and cure times will vary depending on temperature, relative humidity, surface roughness and porosity, aggregate selection and embedment, and application technique. Coverage rates provided are optimal and are not guaranteed.

Recommended surface temperature should be greater than 50 degrees F (10 degrees C) and at least 5 degrees F (3 degrees C) above the dew point. Simply Primer EP3 is very sensitive to heat and moisture. High temperatures and/or high humidity will significantly accelerate the cure time. Low temperature and/or low humidity extend the cure time.

Simply Waterproofing, Inc.

600 West Broadway, Suite 700, San Diego, CA 92101

info@simplywaterproofing.com, www.simplywaterproofing.com,

Phone: 619-560-7078

Equipment Cleanup

Equipment should be cleaned with an environmentally-safe solvent, as permitted under local regulations, immediately after use.

Shelf Life and Storage

Simply Primer EP2 has a shelf life of 12 months from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 60-95°F (15-35°C).

Limitations

- Simply Primer EP3 should be coated within 12 hours after it has become tack free.
- Simply Primer EP3 should not be used on pinholed concrete or where small cavities are present. (See Simply Primer EP1 or EP2 Technical Data Sheets)
- Surfaces must be dry, clean and free of foreign matter.
- Containers that have been opened must be used as soon as possible.
- Simply Primer EP3 is difficult to clean up after it has cured.
- Do not dilute under any circumstance.
- Simply Primer EP3 is not UV stable.

WARNING: This product contains epoxy resin and curatives.

Simply Primer

Selection Chart

N/R = Not Recommended

FEATURES & USES	EP1	EP2	EP3	EP-WBs	EP 121	EP 404FC
Low Odor	YES	NO	YES	YES	YES	YES
Solvent Free	YES	NO	YES	YES	YES	YES
Low Viscosity	YES	NO	YES	YES	YES	YES
Fast Curing	NO	NO	YES	YES	YES	YES
Meets SCAQMD	YES	(SC) YES	YES	YES	YES	YES
Pedestrian & Vehicular Traffic	YES	YES	YES	YES	YES	YES
Recoat Window (Hours)	12	16	6	12	4	12
SUBSTRATE ADHESION	EP1	EP2	EP3	EP-WB	EP 121	EP 404FC
Concrete & Masonry	YES	YES	YES	YES	YES	YES
Asphaltic Concrete	TEST	N/R	N/R	TEST	TEST	TEST
Glass Reinforced Plastic	TEST	TEST	TEST	TEST	TEST	TEST
Plywood	YES	YES	N/R	N/R	YES	YES
Abraded Metals	YES	YES	YES	YES	YES	YES
Bonderized Metal	YES	YES	YES	YES	YES	YES

Please read all information in the General & Safety Guidelines, Technical Data Sheets, Guide Specifications and Safety Data Sheets (SDS) before applying material. Products are for "Professional Use Only" and preferably applied by professionals who have prior experience with the Products or have undergone training in application of Simply Products. Published technical data and instructions are subject to change without notice. Contact your local Simply Waterproofing representative or visit our website for current technical data, instructions, and project specific recommendations.

LIMITED WARRANTY

Simply Waterproofing warrants its products to be free of manufacturing defects and that they will meet current published physical and chemical properties. Seller's sole responsibility shall be to replace that portion of the product which proves to be defective. There are no other warranties of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. Simply Waterproofing shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. Simply Waterproofing shall not be responsible for use of this product in a manner to infringe on any patent held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. Simply Waterproofing reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

DISCLAIMER

All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and Simply Waterproofing makes no claim that these tests or any other tests, accurately represent all environments.

© January 2019 Simply Waterproofing, Inc. All rights reserved

Simply Waterproofing, Inc.
600 West Broadway, Suite 700, San Diego, CA 92101
info@simplywaterproofing.com, www.simplywaterproofing.com,
Phone: 619-560-7078