

PRODUCT DATA SHEET

Sika® Primer-554 VC

(formerly VC-300FB)

Solvent based primer for polyvinyl chloride (PVC) surfaces

TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)

Chemical base	Solvent-based polyurethane solution	
Color	Yellowish	
Solid content (JASO M338-89)	13 %	
Viscosity (JASO M338-89)	(#4 Ford cup)	9 seconds
Application temperature	5 – 40 °C	
Application method	Brush	
Flash-off time	above 5 °C maximum	2 minutes 8 hours
Shelf life	6 months	

DESCRIPTION

Sika® Primer-554 VC is a solvent-based primer, which reacts with moisture and forms a thin layer. This layer acts as a link between substrates and adhesives.

Sika® Primer-554 VC is specifically formulated for the treatment of bond faces prior to application of Sika's 1-component polyurethanes.

The primer might provide adhesion without previous activation step on many substrates.

Sika® Primer-554 VC fluoresces under long-wave UV light for a limited period of time. This feature is used for in-process control.

PRODUCT BENEFITS

- One-step application
- Very good adhesion to polyvinyl chloride (PVC) surfaces
- Easy to use
- Visible under UV light

AREAS OF APPLICATION

Sika® Primer-554 VC is used to improve adhesion on different substrates such as polyvinyl chlorides (PVC).

Seek manufacturer's advice and perform tests on original substrates before using Sika® Primer-554 VC on materials prone to stress cracking.

This product is suitable for experienced professional users only. Tests with actual substrates and conditions have to be performed ensuring adhesion and material compatibility.

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Sika® Primer-554 VC

Version 01.01 (06 - 2026), en_US

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METHOD OF APPLICATION

Preparation

Surfaces must be clean, dry and free from grease, oil, dust and contaminants.

Adhesion on substrates may be improved by adding and/or combining pre-treatment processes such as scuffing, cleaning and activating.

Application

Shake the Sika® Primer-554 VC container thoroughly before use. Use a shaker (40 mm amplitude, 300 rpm) for at least 10 minutes, or shake vigorously by hand (5 Hz) for at least 60 seconds.

Apply a thin, uniform, and continuous coat using a soft brush.

Sika® Primer-554 VC must be applied once only. Care must be taken to ensure that this single application gives adequately dense coverage. Consumption and method of application depends on the specific nature of the substrates. Tightly reseal container immediately after each use.

IMPORTANT NOTE

Sika® Primer-554 VC is a moisture reactive system. In order to maintain product quality it is important to reseal the container with the inner plastic liner immediately after use. Once the surface pre-treatment operation is completed, the cap has to be screwed on.

If the container remains open for more than 2 hours, the product must be discarded. If the primer is used and the container is resealed after opening, the remaining primer must be disposed of within 24 hours.

If gelling, separation or a significant increase in viscosity is noted, discard the primer immediately.

Never dilute or mix this product with any other substances.

If used on transparent or translucent substrates such as float glass, plastics, etc., an adequate UV protection is mandatory.

STORAGE CONDITIONS

Sika® Primer-554 VC must be stored in sealed container, in an up-right position at temperature $\leq 10^{\circ}\text{C}$ in a dry place. Do not expose it to direct sunlight.

After opening of the packaging, the content has to be protected against humidity.

DETECTION OF THE LUMINESCENCE

Sika® Primer-554 VC can be visualized by using a light source with a wavelength of 320 to 420 nm as inline control. By reducing foreign light such as sunlight or artificial light during the detecting process the quality of the detection can be increased significantly.

Note: The luminescent effect will degrade with time.

FURTHER INFORMATION

The information herein is offered for general guidance only. Advice on specific applications is available on request from the Technical Department of Sika Industry.

Copies of the following publications are available on request:

- Safety Data Sheets

PACKAGING INFORMATION

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BASIS OF PRODUCT DATA

All technical data stated in this document are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

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.

LEGAL DISCLAIMER

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 or by contacting SIKA's Technical Service Department via email at tsmh@us.sika.com. 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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