

PRODUCT DATA SHEET

Sika® HydroPrep-110

Water-based adhesion promoter for various substrates

TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)

Chemical base	Water-based adhesion promoter				
Color (CQP001-1)	Colorless clear to slightly yellow				
Application temperature	5 – 40 °C				
Application method	Wipe-on, wipe-off with lint-free tissue; spray application				
Consumption	10 ml/m ²				
Flash-off time	<table style="width: 100%; border: none;"> <tr> <td style="text-align: right; width: 50%;">≥ 5 °C</td> <td>2 minutes^A</td> </tr> <tr> <td style="text-align: right;">maximum</td> <td>2 hours^A</td> </tr> </table>	≥ 5 °C	2 minutes ^A	maximum	2 hours ^A
≥ 5 °C	2 minutes ^A				
maximum	2 hours ^A				
Shelf life	9 months ^B				

CQP = Corporate Quality Procedure ^{A)} For specific application, temperature and flash-off time may be different
^{B)} stored in sealed container in a dry place at ≤ 25 °C, protected from sunlight

DESCRIPTION

Sika® HydroPrep-110 is a 1-component water-based activating agent to improve adhesion. It is specifically formulated for the treatment of bond faces prior to application of Sika's 1-component Polyurethanes.

AREAS OF APPLICATION

Sika® HydroPrep-110 is used to improve adhesion on substrates such as glass, ceramic screen prints, aluminum, stainless steel and FRP.

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

METHOD OF APPLICATION

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

Application

Sika® HydroPrep-110 can be applied manually or automatically.

For manual application wipe bond faces with a clean, lint-free paper towel moistened with Sika® HydroPrep-110. Immediately wipe-off with a clean, dry, lint-free paper towel. Change paper towel face after each wipe and ensure to apply the activator with a clean face. Sika® HydroPrep-110 has to be applied sparingly.

Allow to flash off for at least 2 minutes and until the surface is completely dry.

If pre-treated area is not bonded within the maximum flash-off time, the activation process has to be repeated (once only).

Ideal application and surface temperature is between 15 °C and 25 °C.

Automatic application (spray) is possible. Contact Technical Department of Sika Industry for details on spray application.

Consumption and method of application depend on the specific nature of the substrates.

Tightly reseal container immediately after each use.

IMPORTANT NOTE

Sika® HydroPrep-110 contains components which may dull the surface finish of some freshly applied paints. Preliminary trials must be carried out. Never apply Sika® HydroPrep-110 to porous substrates. It may not dry completely on porous surfaces, which could influence curing and adhesion performance. Protect adjacent surfaces by masking where necessary.

In order to maintain product quality it is important to reseal the container immediately after use. Immediately discard Sika® HydroPrep-110 if it has become opaque instead of clear.

Dispose of product approx. one month after opening if used frequently or after 2 months in case of infrequent use.

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

Never dilute or mix Sika® HydroPrep-110 with any other substances. It is not to be used for tooling / smoothing of products and as a cleaning agent.

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.

Working instructions issued for a defined application may further specify technical data contained in this Product Data Sheet.

Copies of the following publications are available on request:

- Safety Data Sheets

PACKAGING INFORMATION

Bottle	250 ml 1000 ml
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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.

HEALTH AND SAFETY INFORMATION

For information and advice regarding transportation, handling, storage and disposal of chemical products, users shall refer to the actual Safety Data Sheets containing physical, ecological, toxicological and other safety-related data.

DISCLAIMER

The information, and, in particular, the recommendations relating to the application and enduse of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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