

## PRODUCT DATA SHEET

# Sika® Primer-210

Non-pigmented, solvent-based primer for metals

**TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)**

|                         |                                                                                                                                                                                             |         |                         |         |                         |         |                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------|---------|-------------------------|---------|-----------------------|
| Chemical base           | Solvent-based Epoxy solution                                                                                                                                                                |         |                         |         |                         |         |                       |
| Color (CQP001-1)        | Colorless, slightly yellow                                                                                                                                                                  |         |                         |         |                         |         |                       |
| Solid content           | 34 %                                                                                                                                                                                        |         |                         |         |                         |         |                       |
| Application temperature | 5 – 40 °C                                                                                                                                                                                   |         |                         |         |                         |         |                       |
| Application method      | Brush, felt, lint-free cloth or foam applicator                                                                                                                                             |         |                         |         |                         |         |                       |
| Consumption             | depending on substrate porosity 50 ml/m <sup>2</sup>                                                                                                                                        |         |                         |         |                         |         |                       |
| Flash-off time          | <table><tr><td>≥ 15 °C</td><td>10 minutes <sup>A</sup></td></tr><tr><td>&lt; 15 °C</td><td>30 minutes <sup>A</sup></td></tr><tr><td>maximum</td><td>24 hours <sup>A</sup></td></tr></table> | ≥ 15 °C | 10 minutes <sup>A</sup> | < 15 °C | 30 minutes <sup>A</sup> | maximum | 24 hours <sup>A</sup> |
| ≥ 15 °C                 | 10 minutes <sup>A</sup>                                                                                                                                                                     |         |                         |         |                         |         |                       |
| < 15 °C                 | 30 minutes <sup>A</sup>                                                                                                                                                                     |         |                         |         |                         |         |                       |
| maximum                 | 24 hours <sup>A</sup>                                                                                                                                                                       |         |                         |         |                         |         |                       |
| Shelf life              | 9 months <sup>B</sup>                                                                                                                                                                       |         |                         |         |                         |         |                       |

CQP = Corporate Quality Procedure <sup>A)</sup> for specific application, temperature and flash-off time may be different

<sup>B)</sup> stored in sealed container in up-right position in a dry place at ≤ 25 °C

**DESCRIPTION**

Sika® Primer-210 is a solvent-based colorless to slightly yellow primer, which reacts with moisture and forms a thin layer. This layer acts as a link between substrates and adhesives.

Sika® Primer-210 is specifically formulated for the treatment of bond faces prior to application of Sika's 1-component Polyurethanes.

**AREAS OF APPLICATION**

Sika® Primer-210 is used to improve adhesion on many metals such as aluminum, steel and non-ferrous metals. The primer might also be used to enhance the adhesion of Sikasil® sealants and adhesives.

Seek manufacturer's advice and perform tests on original substrates before using Sika® Primer-210 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 to ensure adhesion and material compatibility.

**METHOD OF APPLICATION**

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

Adhesion on substrates might be improved by adding and/or combining pre-treatment processes such as scuffing, cleaning and activating prior the primer application.

**Application**

Apply a thin but covering coat of Sika® Primer-210 with a brush, felt, clean lint-free cloth or foam applicator.

Sika® Primer-210 exhibits a thermo-plastic behavior up to 3 days after application, therefore higher temperature or early stress to the bond line have to be avoided.

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

Sika® Primer-210 has to be applied once only. Care must be taken to ensure that this single application gives adequately dense coverage. Consumption and method of application depend on the specific nature of the substrates. Tightly reseal container immediately after each use.

## IMPORTANT NOTE

Sika® Primer-210 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.

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

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 plastics, etc., an adequate UV protection is mandatory.

## 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

|     |                   |
|-----|-------------------|
| Can | 250 ml<br>1000 ml |
|-----|-------------------|

## 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.

## PRODUCT DATA SHEET

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## Sika Korea Ltd.

135 gil 16, Nonhyun-ro  
Gangnam-ku, Seoul, Korea  
Tel : +82 2 6912 1500  
Fax: +82 2 6912 1555  
web: <http://kor.sika.com>

