

## PRODUCT DATA SHEET

# Sikagard<sup>®</sup>-600 RM

### ROAD MARKING COATING FOR CONCRETE AND ASPHALT

#### DESCRIPTION

A flexible thermoplastic, water repellent, quick drying coating based on modified acrylic/alkyd resin, Titanium Dioxide and other high grade color fast pigments. The product is resistant to abrasion, chemicals, & hot tier and suggested to be used as road marking coating on concrete and asphalt runways. Suitable for use in hot and tropical climatic conditions.

#### USES

- Exterior / interior (Good flexibility suggests its use over curved stone)
- For different substrates such as: Concrete, asphalt, paving blocks, kerbs

#### CHARACTERISTICS / ADVANTAGES

- Sikagard<sup>®</sup>-600 RM provides good UV resistance
- Due to its quick drying properties, the coating is rain resistant within a short time
- Reduced tendency to dirt pick up and contamination
- Smooth, medium sheen finish

#### PRODUCT INFORMATION

<b>Composition</b>	Modified acrylic/alkyd resin
<b>Packaging</b>	3.5 l pails 18 l pails 200 l drums
<b>Appearance / Colour</b>	White, Yellow, and Black
<b>Shelf life</b>	12 months from date of production
<b>Storage conditions</b>	Store in cool, dry conditions in original, undamaged sealed packaging and at temperatures between +5°C and +30°C. Protect from direct sunlight, heat and moisture.
<b>Flash point</b>	~30 °C
<b>Solid content</b>	~70 %

#### APPLICATION INFORMATION

<b>Consumption</b>	4.5-5.0 m <sup>2</sup> /L at 90-100 microns DFT Some substrates will require higher consumption than indicated above. This figure is theoretical and does not include for any additional material required due to surface porosity, surface profile, variations in level and wastage etc..
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<b>Layer thickness</b>	Recommended minimum dry film thickness to achieve the required characteristics ≈100 microns.
<b>Ambient air temperature</b>	+8 °C min. / +35 °C max.
<b>Relative air humidity</b>	< 80 %
<b>Dew point</b>	Temperature must be at least 3 °C above dew point.
<b>Substrate temperature</b>	+8 °C min. / +35 °C max.
<b>Waiting time to overcoating</b>	~12 hours
<b>Drying time</b>	~15 min (+35 °C)

## BASIS OF PRODUCT DATA

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

## ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY / PRE-TREATMENT

The substrate must be dense and free from loose and friable particles. Tensile adhesion strength (pull off) of the substrate must be more than 1 N/mm<sup>2</sup>. Suitable preparation methods are steam cleaning, high pressure water jetting or blastcleaning. New concrete must be at least 28 days old. Repairs to the concrete substrate, filling of blowholes / voids and surface levelling must be carried out by using appropriate products from the Sikafloor®, Sikadur®, Sika® Mono-Top®, SikaTop®, SikaRep® or Sikagard® range of materials, when aesthetic appearance is required. Refer to the latest product data sheets.

For cement based products, allow a curing time of at least 5 days before coating.

### APPLICATION

#### MIXING

Sikagard®-600 RM is supplied ready for use. Stir thoroughly prior to application.

If required, use 5% to 10% suitable thinner for ease of application depending on the application method.

### APPLICATION

For use on very dense substrates, the first coat of Sikagard®-600 RM shall be thinned up to 10 %.

Sikagard®-600 RM can be applied by brush or short-piled lambskin roller.

Sikagard®-600 RM can also be applied by airless or conventional spray equipment.

- Brush or Roller: Apply an even coat taking care to avoid runs and sags.
- Conventional Spray: Use normal spray equipment.
- Airless Spray: May also be used.

### CLEANING OF EQUIPMENT

Clean all tools and application equipment with Sika® Colma Cleaner immediately after use. Hardened / cured material can only be removed mechanically.

## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use 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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All products are supplied  
under a management  
system certified to conform  
to the requirements of the  
quality, environmental and  
occupational health &  
safety standards ISO 9001,  
ISO 14001 and OHSAS  
18001.

### Product Data Sheet

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December 2020, Version 02.01  
020303020020000035