

**Product Data Sheet**  
Edition 09/01/2009  
Revision no: 01  
Identification no:  
01 08 01 05 006 0 000001  
Sika® Marker

## Sika® Marker

Aerial curing paint for carpark and road lining and signing

<b>Product Description</b>	Sika® Marker is an aerial curing, solvent containing, cold applied paint for carpark and road lining and signing based on MMA (methylmetacrilate).
<b>Uses</b>	Sika® Marker is easily used on asphalt, concrete, surface hardener, mosaic etc. surfaces. Also ideal for painting of curbstones. Line, arrow, pedestrian crossing, label and number, car park line applications can be easily done. Main usage areas; <ul style="list-style-type: none"><li>n Incity and urban roads, industrial areas, storage and assembly halls, airports and dockyards, military zones, indoor or outdoor parking areas, residential complexes, bridges, shopping centers and tennis courts</li></ul>
<b>Characteristics / Advantages</b>	<ul style="list-style-type: none"><li>n One component</li><li>n Fast curing</li><li>n Ready for use in a short time</li><li>n Easy application</li><li>n Resistant to UV and atmospheric conditions</li><li>n Resistant to dust, exhaust and oil</li><li>n Thermoplastic flexibility provides the product working with surface</li><li>n Due to cold applicable properties, possible dangers of hot applications are prevented</li><li>n Visible at night</li><li>n No need to remove existing paint for renewals</li><li>n Suitable for internal and external applications</li></ul>
<b>Product Data</b>	
<b>Form</b>	
<b>Appearance / Colours</b>	Coloured liquid Standart colours; Traffic yellow, white (Other colours on request)
<b>Packaging</b>	25 kg Plastic pail
<b>Storage</b>	
<b>Storage Conditions / Shelf-Life</b>	6 months from date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +10°C and +25°C.
<b>Technical Data</b>	
<b>Chemical Base</b>	Methylmetacrylate (MMA)
<b>Density</b>	~ 1.56 kg/l



## System Information

### System Structure

*Roller coating:*

Primer: 1 x Sika<sup>®</sup> Marker + 5–10 wt % Sika<sup>®</sup> Marker Inceltici  
Coating: 1 x Sika<sup>®</sup> Marker + 5 wt % Sika<sup>®</sup> Marker Inceltici  
1 x Sika<sup>®</sup> Marker (If required)

## Application Details

### Consumption / Dosage

Coating System	Product	Consumption
Primer	Sika Marker + 5–10 wt % Sika Marker Inceltici	0.225 - 0.235 kg/m <sup>2</sup>
Coating	1 x Sika Marker	0.250 kg/m <sup>2</sup> per layer

### Substrate Quality

The concrete substrate must be sound and of sufficient compressive strength (minimum 25 N/mm<sup>2</sup>) with a minimum pull off strength of 1.5 N/mm<sup>2</sup>.

The substrate must be clean, dry and free of all contaminants such as dirt, oil, grease, coatings and surface treatments, etc.

If in doubt, apply a test area first.

### Substrate Preparation

Concrete substrates must be prepared mechanically using abrasive blast cleaning or scarifying equipment to remove cement laitance and achieve an open textured surface.

Weak concrete must be removed and surface defects such as blowholes and voids must be fully exposed.

Repairs to the substrate, filling of blowholes/voids and surface levelling must be carried out using appropriate products from the Sikafloor<sup>®</sup>, SikaDur<sup>®</sup> and SikaGard<sup>®</sup> range of materials.

The concrete or screed substrate has to be primed or levelled in order to achieve an even surface.

All dust, loose and friable material must be completely removed from all surfaces before application of the product, preferably by brush and/or vacuum.

If the surface is very hard and smooth (surface hardener applied surface etc.) application area should be roughened prior to application.

## Application Conditions / Limitations

**Substrate Temperature** +5°C min. / +30°C max.

**Ambient Temperature** +5°C min. / +30°C max.

## Application Instructions

**Mixing Time** Prior to mixing, stir Sika<sup>®</sup> Marker mechanically for 3 minutes. Over mixing must be avoided to minimise air entrainment.

**Mixing Tools** Sika<sup>®</sup> Marker must be thoroughly mixed using a low speed electric stirrer (300 - 400 rpm) or other suitable equipment.

### Application Method / Tools

First coat of paint can be applied by roller or brush as a primer by adding 10% Sika<sup>®</sup> Marker Inceltici. Wait for curing about 1 hour. Depending on the absorption of surface second coat can be applied by without Sika<sup>®</sup> Marker Inceltici or by adding 5% Sika<sup>®</sup> Marker Inceltici. Wait 1 hour for drying. If hiding properties of first two coats are not enough, apply third coat without Sika<sup>®</sup> Marker Inceltici. Application can be done by conventional or airless line paint spraying equipments, hand pistols, brush or roller.

*Roller or Brush:* Will be used depending on the project's size  
*Cord, Chalk:* Will be used with masking tape for drawing templates of lines, arrows etc.  
*Masking Tape:* Will be used for preparing of templates

<b>Cleaning of Tools</b>	Clean all tools and application equipment with Sika Colma Cleaner immediately after use. Hardened and/or cured material can only be removed mechanically.
<b>Potlife</b>	Packaging should be applied immediately after opening. Skin formation will occur 1 hour after opening. High ambient temperatures and relative humidities will shorten curing time obviously.
<b>Notes on Application / Limitations</b>	<ul style="list-style-type: none"> <li><b>n</b> Should be applied at temperatures higher than +5 °C</li> <li><b>n</b> If it is needed to thin the paint, it is essential to use only the indicated thinner.</li> <li><b>n</b> Do not apply the product until fully curing time of surface is completed. (For concrete surfaces 28 days etc.)</li> <li><b>n</b> Do not add any chemicals to paint except stated at Product Data Sheet. This type of application will effect quality and service life of paint negatively.</li> <li><b>n</b> Spraying equipment type should be determined and tested prior to application.</li> <li><b>n</b> Prepare templates both lines and arrows using chalk and masking tape prior to application. Remove either the template and/or the masking tape after the applied product started to cure (chewing gum consistency). In order to achieve a good appearance, it is important to renovate template or masking tape at chewing gum consistency prior to second or third coat.</li> </ul>
<b>Curing Details</b>	
<b>Applied Product ready for use</b>	Ready to use one hour after application
<b>Value Base</b>	All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.
<b>Local Restrictions</b>	Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.
<b>Health and Safety Information</b>	For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.
<b>Legal Notes</b>	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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