

PRODUCT DATA SHEET

SikaCor®-305 CT

ONE-PACK ACRYLIC PAINT FOR CONTAINER EXTERIOR.

DESCRIPTION

SikaCor®-305 CT is a topcoat, based on acrylic resin designed for freight container exterior modified which provides outstanding gloss and colour retention with good workability and compatibilities on various kind of aged film.

USES

SikaCor®-305 CT may only be used by experienced professionals.

- Finish coating of freight container.(New build and re-pair)
- Can be applied to various kinds of steel structures.

CHARACTERISTICS / ADVANTAGES

- Excellent weather resistance
- Excellent gloss and colour retention
- Good workability and aesthetics
- Good appearance of coating
- Good resistance to water
- Good resistance to mild chemicals

PRODUCT INFORMATION

Packaging	18 Liters / can
Appearance / Colour	Various colours on orders
Shelf life	12 months
Storage conditions	Store in original, unopened and undamaged sealed packaging in dry conditions at temperature between 10°C and 35°C.Protect from frost. Exposure to higher temperatures will reduce shelf life.
Density	Approx. 1.2
Flash Point	Approx. 27 (closed cup by a method)
Solid content by volume	Approx. 43%

TECHNICAL INFORMATION

Chemical Resistance		Acids	Alkalis	Salts	Water
	<u>Splash & Spillage</u>	Good	Good	Good	V.Good
	<u>Fumes</u>	V.Good	V.Good	Good	V.Good
Temperature Resistance		Continuous : 66°C(non-immersion condition) Non-continuous : 82°C(non-immersion condition)			

SYSTEMS

Systems	System	Product	DFT
	Primer	SikaCor-200ECT	100 micron
	Finish	SikaCor-305CT	40 micron

APPLICATION INFORMATION

Thinner	Thinner No.7 (Recommended 5~10%)			
Consumption	10.75m ² /L in 40 micron dry film thickness on a smooth surface.(Theoretical)			
Layer Thickness	Recommended DFT 40µm			
Ambient Air Temperature	MIN. +5°C MAX. +40°C			
Relative Air Humidity	MAX. 85% R.H			
Substrate Temperature	MIN. +5°C MAX. +60°C Surface temperature must be at least 3°C above dew point.			
Waiting Time / Overcoating	<u>5°C</u> Min. 14 hours Max. Free	<u>10°C</u> 10 hours Free	<u>20°C</u> 8 hours Free	<u>30°C</u> 3 hours Free
* Before overcoating, remove the oil, salt, chalking material other contaminants.				
Drying time	<u>Set to touch</u> <u>Dry through</u>	<u>10°C</u> 30min 5h	<u>20°C</u> 10min 4h	<u>30°C</u> 5min 2h

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

Remove any oil, grease, dirt and any other contaminants from the surface before painting by proper method such as solvent cleaning and fresh water washing etc.

APPLICATION

Brush/Roller

Thinner : 0~5%(by volume)

Airspray

Thinner : 0~5%, depending on required DFT and application conditions.

Nozzle orifice: 1.8~2.0mm

Nozzle pressure: 0.2~0.3MPa(28~43Psi)

Airless spray

Thinner : 0~5% depending on required DFT and application conditions.

Nozzle orifice: 0.28~0.33mm

Nozzle pressure: 12~15MPa(1.700~2.130)

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.

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 the exact product data and uses.

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.

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.

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>



Product Data Sheet
SikaCor®-305 CT
January 2019, Version 01.01
020601000050000018

SikaCor-305CT-en-KR-(01-2019)-1-1.pdf