

PRODUCT DATA SHEET

SikaCor® Dur-480

TWO COMPONENTS ALIPHATIC ACRYLIC POLYURETHANE FINISH COAT

DESCRIPTION

SikaCor Dur 480 is 2-pack, acrylic polyurethane resin based finish coating with excellent color and gloss retention. It provides a tough film having outstanding resistance to chemical and weathering.

CHARACTERISTICS / ADVANTAGES

- Unlimited recoatability
- Non chalking, Non yellowing
- Excellent color / gloss retention
- Excellent application properties

USES

SikaCor® Dur-480 may only be used by experienced professionals.

- Finish coat of protective coating system
- Resistant to splash of mineral and vegetable oils, paraffines, aliphatic petroleum products
- Cures at temperature down to -5
- Excellent resistant to atmospheric exposure

PRODUCT INFORMATION

Packaging	SikaCor Dur 480 PT-A :	13.2 L
	SikaCor Dur 480 PT-B :	1.8L
Appearance / Colour	Gloss / various colors on orders	
Shelf life	12 months	
Storage conditions	▪ Store in original, unopened and undamaged sealed packaging in dry conditions at temperature between 5°C and 35°C. ▪ Store cool and dry place avoiding direct exposure to sunlight. ▪ Exposure to higher temperatures will reduce shelf life.	
Density	Approx. 1.3	
Solid content by volume	56 ± 2%	

TECHNICAL INFORMATION

Chemical Resistance	Excellent
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SYSTEMS

Systems	<u>Coating system (Inorganic zinc silicate system)</u>				
	1 st : SikaCor® Zinc 75		75 microns		
	2 nd : SikaCor® 100 EM		125 microns		
	3 rd : SikaCor® Dur-480		50 microns		
	<u>Coating system (Epoxy primer system)</u>				
	1 st : SikaCor® -200 EI		25 microns		
	2 nd : SikaCor® -200 EI		125 microns		
	3 rd : SikaCor® Dur-480		50 microns		
	Mixing Ratio	Base : Hardener = 88 : 12 (By volume)			
Thinner	SikaCor U Thinner ▪ Use max 5% of Thinner by volume ▪ Too much thinning results in reduced sag-resistance				
Consumption	Theoretical spreading rate : 11.2 m ² /Liter (50 microns of dry film thickness)				
Layer Thickness	Recommended dry film thickness : 50 - 75 microns				
Pot Life	Min. 4 hours (20°C)				
Waiting Time / Overcoating	Temperature	-5°C	0°C	10°C	20°C
	Min.	24 hours	12 hours	6 hours	4 hours
	Max.	Unlimited	Unlimited	Unlimited	Unlimited
	▪ Surface should be dry and free from all contaminations. ▪ Surface temperature should be at 3°C above dew point.				
Drying time	Dry to handle : 6 hours (20°C) Ful cure : 4 days (20°C)				

APPLICATION INSTRUCTIONS

Airless spray

- Nozzle : 0.017~0.021 inch
- Pressure : 1900 psi

Air spray

- Nozzle : 1.8~2.0 mm
- Pressure : 40~60 psi

Brush and roller

- T/up for minor area

SURFACE PREPARATION

- Previous coat dry and free from any contamination and sufficiently roughend if necessary.
- During application and curing substrate temperature down to -5°C is acceptable provided the substrate is dry and free from ice.
- Substrate temperature should be at least 3°C above dew point.
- Maximum relative humidity during application and curing is 85%.
- Premature exposure to early condensation and rain may cause color and gloss change.

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 Material Safety Data Sheet 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.

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