

# Sikagard® Color A50

## Pigmented Acrylic Sealer

<b>Description</b>	Sikagard® Color A50 is a pigmented one-component acrylic copolymer sealer based on methacrylate resins.
<b>Where to Use</b>	<ul style="list-style-type: none"> <li>■ Sikagard® Color A50 effectively seals brick, block and concrete against the ingress of water.</li> <li>■ It also has superior chloride screening capabilities, ideally suited to protect all but high traffic areas of concrete structures.</li> <li>■ Pigmented coatings are extremely resistant to weathering effects.</li> <li>■ Sikagard® Color A50 provides durable protection of concrete balconies, exterior walls, exterior of water towers and any concrete or masonry structure where uniform colour and easy clean surfaces are required.</li> </ul>
<b>Advantages</b>	<ul style="list-style-type: none"> <li>■ Coloured decorative finish.</li> <li>■ Easily re-coated.</li> <li>■ Breathable, an essential feature, on heated buildings and on structures in contact with earth or water.</li> <li>■ Excellent weathering properties.</li> <li>■ Unaffected by weak solvents such as mineral spirits and naphthas.</li> <li>■ Unaffected by weak alkalis and resists weak mineral acids.</li> <li>■ Both the acrylic resin and pigments are designed for maximum colour retention. Automotive grade pigments are employed.</li> <li>■ Only treated fumed silica flattening agents are employed to maximize water screening and to keep pigment to binder ratio low. No noticeable colour fading, chipping or flaking.</li> <li>■ Alberta Transportation &amp; Utilities approved Sikagard® Color A50 Grey as a Type 3 sealer for use on non-traffic bearing surfaces.</li> <li>■ Ministry of Transport Québec acceptance.</li> </ul>

<b>Technical Data</b>			
<b>Packaging</b>	3.78 L and 18.9 L (1 US gal. and 5 US gal. ) unit		
<b>Colours</b>	Standard: DoverSky, Limestone, Precast, [White-only in 18.9L(5USgal.)] Standard non-stocking [only in 18.9L(5USgal.)]: Capitol Tan, Sierra Beige Special colours: On request. Minimum quantity 200 L (53 US gal.)		
<b>Yield</b>	Sikagard® Color A50 should be applied in two coats. A test should be carried out to verify spread rates since the composition of substrates may vary considerably. Typical spreading rates are as follows for each coat: Smooth dense concrete: 7.4-9 m <sup>2</sup> /L (300-366 ft <sup>2</sup> /US gal.) Gunite surfaces, porous block or brick: 3.4-6.2 m <sup>2</sup> /L (138-252 ft <sup>2</sup> /US gal.)		
<b>Shelf Life</b>	2 years in original, unopened packaging. Store dry at 5° - 32°C (41° - 89°F). Protect from freezing. If frozen, discard.		
<b>Properties at 23°C (73°F) and 50% R.H.</b>			
<b>Solvent Base</b>	Xylene		
<b>Solids</b>	50 ± 1%		
<b>Resin Type</b>	Acrylic Copolymer		
<b>Specific Gravity</b>	1.1 kg/L (9.2 lb/US gal.)		
<b>Viscosity</b>	640 cps		
<b>Hardness</b>	Pencil ultimate H Tukon 3.7		
<b>Flexibility</b>			
Mandrels	3 mm (1/8 in)	6 mm (1/4 in)	13 mm (1/2 in)
Scale 0-10 (0 = best)	1	1	1
<b>Cross Hatch Adhesion</b>			
Concrete	No failure		
Treated aluminium	No failure		
Treated steel	No failure		
<b>Salt Resistance</b>	Coated concrete slabs immersed under 5% sodium chloride. Cycled for up to 2 years, wet, dry. No adverse effect.		
<b>Alkali Resistance</b>	Calcium hydroxide solution, pH 12.6: 2 years. No effect.		
<b>Service Temperature</b>	-50° to 80°C (-58° to 176°F)		



## How to Use

<b>Surface Preparation</b>	Surfaces must be free of all loose materials, paint, oil, grease, rust or other contaminants. Curing agents must be removed, unless extensive testing confirms compatibility of materials. Substrate must be of uniform texture for best final appearance. Normally, concrete surfaces are lightly sandblasted (CSP 1-2) prior to application.
<b>Mixing</b>	Sikagard® Color A50 must be stirred thoroughly to disperse pigments and flattening agents throughout the resin. Stir frequently during use.
<b>Application</b>	Apply evenly in two-coat application using brushes, rollers or spray equipment. First coat must be tack-free before applying subsequent coats. Trained personnel should apply materials. For spray applications, contact authorized spray equipment specialist to determine proper equipment and coverages under anticipated operating conditions. For spray applications, thinning may be required.
<b>Curing</b>	Sikagard® Color A50 can be applied down to 0°C (32°F), with drying time being approx. 60 min. Drying time decreases with increasing temperature. At 25°C (77°F) drying time is approx. 30 min. Allow 3 hours before foot traffic on balconies etc.
<b>Clean Up</b>	Use Sika® Equipment Cleaner/Epoxy Thinner. Wash soiled hands and skin thoroughly in hot soapy water or use Sika® Hand Cleaner. All equipment must be cleaned immediately after use.
<b>Limitations</b>	<ul style="list-style-type: none"> <li>■ Sikagard® Color A50 is moisture sensitive and must be applied on a dry substrate.</li> <li>■ Attacked by aromatic solvents and ketones.</li> <li>■ There may be a dulling of films due to slight chalking.</li> </ul>
<b>Caution</b>	Product is flammable. Potential explosion hazard. Use protective clothing, rubber gloves, splash-guard goggles and required breathing apparatus. When pouring liquid, attach static line (battery jumper cable) from pouring container to receiving container. No source of ignition should be present (i.e. sparking motors, switches, open flames, pilot lights, cigarettes etc.). Consult product label for additional information.
<b>First Aid</b>	In case of skin contact, wash with soap and water. For eye contact flush immediately with plenty of water for at least 15 min. Contact a physician. For respiratory problems, transport victim to fresh air. Remove contaminated clothing and wash before re-use.

For more information, consult Sika Material Safety Data Sheet.

KEEP OUT OF REACH OF CHILDREN  
FOR INDUSTRIAL USE ONLY

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, within their shelf life. 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 recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request or can be accessed in the Internet under [www.sika.ca](http://www.sika.ca).

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