

Product Data Sheet

Colourcrete Cure & Seal C309

Uses	<p>Colourcrete Cure & Seal C309 is a white pigmented acrylic coating used to protect concrete so that moisture is not lost during the early hardening period and its temperature should be kept well above freezing point. It dries to a transparent film over the concrete surface and is unaffected by ultra violet light. This protection is critical for the first 24 hours.</p> <p>The liquid membrane is to be applied to the concrete as soon as the initial bleed water movement has finished or after the removal of the formwork.</p>								
Features	<p>The use of Colourcrete Cure & Seal C309 is suitable for use on all concrete surfaces made from Portland Cement and is compatible with most types of plaster ie; Cure all surfaces that are subject to early water loss evaporation.</p>								
Advantages	<p>The dried coating can also be used as a protective coating that does not cause substrate staining and reduces the accumulation of dirt</p>								
Product Description	<p>Colour: Milky White Solid/Liquid: Liquid Smell: Sweet smell Finish: Slight yellowing of concrete and light sheen Finished Life Expectancy: Permanent</p>								
Packaging	<p>5litre, 20litre and 210litre</p>								
Coverage	<p>6-7m²/litre</p>								
Testing/Approvals	<p>ASTM International C309 Standard Specification for Liquid Membrane-forming Compounds for Curing Concrete</p>								
Application	<p>Always stir the C309 Liquid Membrane thoroughly before using it.</p> <p>Colourcrete Cure & Seal C309 is best applied by hand operated or power driven spray equipment, also by roller or brush. Hold the spray nozzle about 300-500mm from the surface.</p> <p>The concrete surface to be cured should be moist when the coating is applied. Normally only one coat is applied in a smooth even texture, but two coats will prolong the effective curing period and will ensure full coverage.</p> <p>The second coat if used, should be applied at right angles to the first. During windy conditions, be careful of overspray.</p>								
Technical Data	<table><tr><td>Appearance</td><td>Milky white liquid</td></tr><tr><td>Odour</td><td>Sweet</td></tr><tr><td>Melting Point</td><td>0° C</td></tr><tr><td>Boiling Point</td><td>100 °C</td></tr></table>	Appearance	Milky white liquid	Odour	Sweet	Melting Point	0° C	Boiling Point	100 °C
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	<p>Solubility in Water pH SG Vapour Density(air=1) Vapour pressure water. Flashpoint Flammability Auto-Ignition Temp</p>	<p>Soluble in water. 8.0-9.0 980 to 1020kg/m3 Heavier than air 17mm Hg @20° C – Not applicable Non-Flammable Not applicable</p>
Clean up	Clean out the equipment after use when there is likely to be a delay of more than half an hour before it is used again. Pay particular attention to the cleaning of the nozzle and hose. If cured, use a mineral solvent.	
Storage	12 months in original unopened container.	
Additional Compatible products	Can only be removed by mechanical scrubbling type abrasion	
Health & Safety Information	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.	
First Aid	<p>INHALATION Should the vapours cause discomfort, which is unlikely, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.</p> <p>INGESTED</p> <p>Small quantity: Give a glass of water if the person is conscious.</p> <p>Large quantity: Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. DO NOT induce vomiting unless directed to do so by medical personnel.</p> <p>Seek medical advice/attention or call National Poisons Centre (0800 764 766) for advice.</p> <p>EYE CONTACT IF IN EYES: Hold eyelids apart and rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.</p> <p>SKIN CONTACT: Remove contaminated clothing. Wash thoroughly with soap and water. Get medical attention if irritation occurs.</p>	
Restrictions of Use	<p>Affects the adhesion of resilient floor materials to concrete floor</p> <p>Not to be used if the surface is to receive an applied finish eg; render, certain paints, or other types of coatings (Is compatible with acrylic paint)</p> <p>Concrete with a low cement content needs a longer curing period than high cement mixes.</p>	

	<p>Do not apply to dry surfaces if it is to be used as a curing membrane.</p> <p>Do not use on construction joints</p>
Precautions	Completely mask and protect any areas not to be treated DO NOT get overspray on glass or cladding
Contact Details	0800 727 333
Office Hours	Monday-Friday 7:30am – 4:30pm
Legal Notes	<p>The information, and, in particular, the recommendations relating to the application and end- use of our products, are given in good faith based on our current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with our 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. We reserve 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. It may be necessary to adapt the above disclaimer to specific local laws and regulations.</p>