

Corroless ACO LV Sealer

(formerly Acothane LV Sealer)

Issue Date: Apr 2020
 Issue: 3
 Page 1 of 2

Product Description	A solvent free, two pack polyurethane sealer for concrete , for use with specified Corroless ACO products.				
Features & Use	<ul style="list-style-type: none"> Use for the priming of concrete, plaster etc. prior to application of a Corroless ACO finishing system, or as a saturation coating for concrete 				
Approvals/ Certification	Please consult Axalta Coating Systems				
Finish	Sheen				
Volume Solids	100%				
VOC Content	0 g/litre				
Film Thickness Range And Coverage		Dry Film Thickness	Wet Film Thickness	Theoretical Coverage	
	Typical	100µm	100µm	5.0 m ² /litre	
	Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated				
Drying Times	Applied to 100µm DFT		+10°C	+23°C	
	Dust Free		4 hr	2 hr	
	Hard Dry		12 hr	6 hr	
	Overcoating	Minimum		4 hr	2 hr
		Maximum		24 hr	24 hr
	Drying and recoating times are related to the substrate temperature				
Colours	Clear				
Mix Ratio/ Product Code	10LVS (base) and 10ACT (activator) Base 2.5 parts by volume Hardener 1 part by volume				
Pot Life	35 min at 20°C – do not apply after this time even if material appears fluid				
SG	1.07 kg/lit mixed				
Storage Conditions	Store in dry, cool conditions and protect from frost				
Shelf Life	Minimum 24 months if stored as above in unopened containers				
Flash Point	Above 60°C				

Corroless ACO LV Sealer

Issue Date: Apr 2020
Page 2 of 2

Surface Preparation	<ul style="list-style-type: none"> All surfaces to be coated should be dry and cleaned as necessary to remove all oil, grease, salts or other contamination Remove all laitance and other contaminants by the most appropriate methods, such as blast cleaning. Ensure the concrete is dry to a reading of <16% on the Wood Moisture Equivalent (WME) scale 														
Mixing	<p>Mix only in the proportions stated, mixing each component individually then together using a mechanical agitator.</p> <p>Activator must be added to base and thoroughly mixed to ensure an even mix throughout the container – at least 2 minutes mixing time is recommended. Care must be taken to avoid unmixed material being left on sides and bottom of can. Decanting mixed material into a plastic container and further mixing is recommended. Plastic container may be recovered for further use when coating has cured.</p>														
Thinner / Cleaner	<p>Do not thin / Axalta Thinner Fast Industrial TH120 (formerly called No.4 Thinner)</p>														
Application Conditions	<p>Do not apply when rain, mist, sleet or snow are imminent. Normal application requires relative humidity below 80%. To avoid risk of condensation, application should be performed only when the surface temperature is at least 3°C (5°F) above the dew point. Application at temperatures below 1°C (33°F) must be carefully monitored, since the possible presence of ice on the surface (or in pores, in the case of concrete) will result in poor performance.</p>														
Application Methods	<table border="1"> <thead> <tr> <th>Method</th> <th>Airless Spray</th> <th>Conventional Spray</th> <th>Brush</th> <th>Roller</th> </tr> </thead> <tbody> <tr> <td></td> <td>No</td> <td>No</td> <td>Yes</td> <td>Yes</td> </tr> </tbody> </table>	Method	Airless Spray	Conventional Spray	Brush	Roller		No	No	Yes	Yes				
Method	Airless Spray	Conventional Spray	Brush	Roller											
	No	No	Yes	Yes											
<ul style="list-style-type: none"> Use immediately after mixing and work well into the substrate 															
Product Notes	<ul style="list-style-type: none"> Activator contains isocyanates – refer to Safety Data Sheet If maximum overcoating times are exceeded, abrading is required to provide adhesion for further coats In-service temperature limits: Wet – 0°C to 70°C depending on solution; Dry – minus 20°C to + 120°C continuous 														
Health & Safety	<p>Containers are provided with safety labels which should be observed. Further information about hazardous influences and protection are detailed in individual Product Safety Data Sheets. A Safety Data Sheet for this product is available on request from Axalta Coating Systems.</p>														

AN AXALTA COATING SYSTEMS BRAND



The information provided herein corresponds to our knowledge on the subject at the date of its publication. This information may be subject to revision as new knowledge and experience becomes available. The data provided fall within the normal range of product properties and relate only to the specific material designated; these data may not be valid for such material used in combination with any other materials or additives or in any process, unless expressly indicated otherwise. The data provided should not be used to establish specification limits or used alone as the basis of design; they are not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of a specific material for your particular purposes. Since Axalta cannot anticipate all variations in actual end-use conditions Axalta makes no warranties and assumes no liability in connection with any of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent rights. This product is for professional use only.