



PolyVers International
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Material Processing & Handling Information

Material: AquaLok II

Material Type: Moisture Barrier and Sealer

Application: Concrete or Masonry Surfaces

Application Process: Spray or Roll

Process Equipment:	Pumps	Dispensing Gun
Graco:	Ultra 395 Airless (or similar)	Contractor Gun (or similar)
Generic:	Diaphragm or 1:1 Piston Pump	Use agricultural spray gun & tips
	Pump-Up Sprayer	Included
Process Temperature:	Ambient (use above 32°F)	
Process Pressure:	10 to 500 psi	
Hand Process:	3/8" or smaller nap roller	
Moisture Content:	Moisten slab prior to application. Saturate surface but do not allow standing water.	
Application Temperature:	32°F and higher	
Dew Point:	N/A	
Surface Prep (as sealer only):	High pressure water blast, sand, grind or abrasive blast to remove any contaminants that may interfere with penetration of AquaLok II.	
Surface Prep (When used in conjunction with other VF Coatings):	Abrasive blast per ICRI Technical Guideline No. 03732 or SSPC SP13. Achieve a concrete surface profile of ICRI CSP-3 to CSP-5.	
Surface Contaminants:	Check for soluble salts on surfaces to be coated. Test with Chlor*Test. If amount of soluble salts exceeds recommended limits, treat with Chlor*Rid. Repeat process until acceptable limits are reached. Maximum amounts of soluble salts (micrograms per square centimeter): Chlorides - 3 immersion, 7 non-immersion Nitrates - 5 immersion, 10 non-immersion Sulfates - 10 immersion, 20 non-immersion	
Application:	Apply two coats using spray or roller. Avoid ponding of material on horizontal surfaces.	
Application Rates:	Concrete: 100 to 200 square feet per gallon depending on substrate porosity and surface profile.	
Storage Temp.	Storage	Special Handling
Above Freezing (32°F)	Keep dry. Keep from freezing. Store in covered temperature controlled environment if possible.	Keep containers closed and protected from atmospheric contamination.
	Safety: Please consult product MSDS for full details. Safety glasses, Rubber gloves, Protective clothing, Organic vapor or fresh air respirator.	