

	NFORMATIO	N	Revised 08.09	
PRODUCT DESCRIPTION		R ecommended Uses		
	IARACTERISTICS	Perform	IANCE CHARACTI	ERSTICS
 Finish: Flat Color: Milky/opaque (dries clear / flat) Average Spread Rate: Existing Concrete 150-250 sq. ft. per gal., Curing New Concrete 200-300 sq. ft. per gal. broom finish, 200-400 sq. ft. per gal. machine trowel Drying Time: 3-5 hours per application Shelf Life: 2 years, stored unopened above freezing temperature (DO NOT FREEZE) Clean Up: Soap and water (avoid contact with glass & plastic windows & lenses) 		fil ASTMD 466: R E ASTME 96: W fit ASTM 836: F SS-W-110C: W ASTMC672: Fil ASTMC672: Fil ASTMC-156: W S ASTM C309-98a: M	esistance to water solu exibility, no cracking. esistance to water flow xcellent adhesion. No /ater vapor transmissio ./hr. Water permeabil ilm thickness on a vert /ater repellence on mas reeze/thaw cycle – 100 /ater retention 0.47 kg/ pecification – 0.55 kg/ /oisture loss – .25 kg/r	v and action. p remulsification. on 04 grains/sq/ ity – 0102 perms tical scale. sonry test:1.925% avg.) day cycle. /m2, /m2 n2
MSDS Information/ Physical Data:			1oisture loss – 0.31 kg Passed.	/m2
Boiling Point: Vapor Pressure: Solubility in Water: Evaporation Rate: Appearance and Odor: Specific Gravity: % Volatile by Volume: PH: Flashpoint:	212 F (same as water) /20C/68F water Excellent Same as water Clear – slightly amine (H20-1):1.1 to 1.3 @ 20C N/A 11.5 N/A	ASTM C642 Absorption: Pha ASTM Scaling Resistant NCHRP 244, Series IV – Absorbed Chloride: NCHRP 244 Series –11 (1000 megajoules/235 0 lbs/ Concrete failed 1 ase 1;48 hr: 0.64%-pha ce: No Scaling - 4.1 Southern Expose Less than 8%	^a nM Uv light 1 st /no delamination ase 2; 50 day: 1.32% ure an 14%



V-SEAL® 102 Penetrating Sealer Concrete Cure+Sealer Commercial Grade

PRODUCT INFORMATION			
R ecommended Systems	SURFACE PREPARATION		
New Concrete: Use as the Cure & the Sealer	Since V-SEAL® 102 is a deep-penetrating sealer, the surface it is to be applied to must be clean and porous		
For curing and sealing new concrete the optimum time	enough to allow penetration into the substrate.		
to apply V-SEAL® 102 is when bleed water is gone	Surfaces should be clean and free of dirt, debris,		
and concrete will withstand the weight of a man. It is	mildew, oil, grease and other contaminants. If concrete		
beneficial to apply anytime after placement. Avoid	is heavily troweled (smooth/tight) it may require acid		
rain or freezing for 5 hours. Apply by low pressure	etch to increase porosity. COLOR / TINT		
spray with medium saturation, being careful not to over apply.			
Old Converter Use as a Departmenting Scalar	V-SEAL® 102 DPS has a light milky appearance		
Old Concrete: Use as a Penetrating Sealer	(similar to skim milk) but dries clear & flat. May		
Always clean and rinse theroughly (especially when	occasionally slightly darken concrete or pavers.		
Always clean and rinse thoroughly (especially when using oil/citrus base cleaners) flush entire area well, let			
dry and apply V-SEAL® 102 by low pressure spray.	APPLICATION CONDITIONS		
For superior results, broom or back-roll to increase	New Concrete – when bleed water is gone and will		
penetration and avoid streaks or puddles. Avoid rain	withstand the weight of a man. Existing Concrete - apply to		
or freezing for 5 hours.	dry surface (may be damp but not wet). Surface/outside		
	temperature should be 40 degrees F or above. V-SEAL 102		
• Always test substrate for porosity	is rendered ineffective if frozen. * DO NOT FREEZE *		
 Always test substrate for porosity. Avoid vehicle traffic for a minimum of 8 hours 	Apply by low-pressure spray – low delivery / light to		
and foot traffic while sealer remains wet.	medium saturation. Do not atomize. Apply an even mist to		
	wet – not soak – substrate surface. If over applied, a light white, chalky deposit on the surface may occur. This does		
	not affect function and normally dissipates with normal		
	wear.		
	Ordering/Shipping Information		
	Packaging: 1 gal. jugs		
	5 gal. pails 55 gal. drums and concentrate kits		
	Shipping: Normal package delivery and trucking		
LIMITATIONS / REGULATORY	SAFETY / FIRST AID PRECAUTIONS		
V-SEAL® 102 works best on porous concrete	Avoid contact with skin & eyes.		
substrates and will not work with any other product	EPA/OSHA Compliant – contains no solvents/0%		
with an oil base, such as asphalt, paints, vinyl, etc.	VOC (Volatile Organic Compounds) Non-Hazardous to plants and animals		
V-SEAL® 102 may not perform when applied over	Wash application materials with water.		
other sealer products, paints or stains.	First Aid:		
This product is considered a non-hazardous chemical	Eyes: Flush with water for at least 15 minutes		
under the OSHA Hazard Communication Standard	Skin: Wash thoroughly with soap and water.		
(29CFR 1910.1200). Transportation Classification:	Inhalation: No TVL established. Move subject to fresh air. Digestion: If consumed consult physician.		
55. US DOT Hazard Class – Non Regulated.	Digestion. Il consumen consult physiciali.		
*Member of the ICRI (International Concrete Repair Institute)			

Manufactured for: V-SEAL/TARA Distr. Group, LTD / Emergency Phone: 800-255-3924 / Information 877-738-7325 Web site: <u>www.vseal.com</u> / E-mail: info@vseal.com