



CREATING A CLEANER, SAFER, HEALTHIER WORLD.

COATINGS



Eco-MVR™ / Eco-MVS™

MOISTURE VAPOR EPOXIES

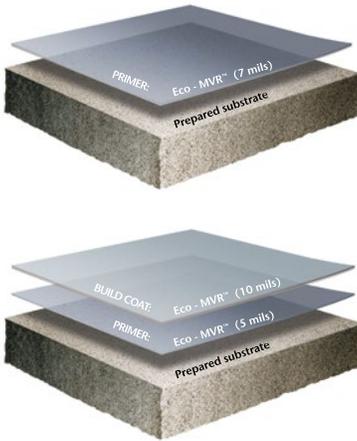
- **EFFICIENT** – Accelerate new construction project by coating new concrete floors earlier
- **PEACE-OF-MIND** – Protect your investment from start to finish with a complete system backed by one manufacturer
- **VOC COMPLIANT** – Ensure a safe environment and meet the strictest VOC regulations in North America for industrial maintenance coatings



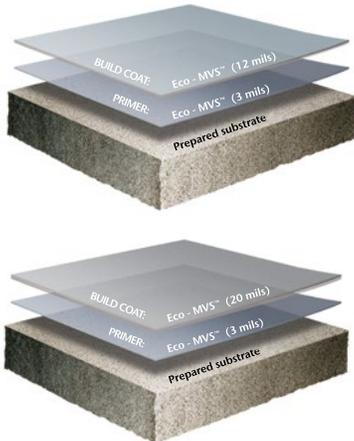
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Tennant Company is a world leader in indoor and outdoor environmental cleaning solutions and floor and wall coatings.

Eco-MVR Systems:



Eco-MVS Systems:



PHYSICAL/ PERFORMANCE PROPERTIES

CURED COATING PROPERTIES (DRY FILM)	TEST METHOD	RESULTS
Eco-MVR™		
Adhesion psi (100% failure in concrete exposed to MVER at 10 lbs (4.5 kg) for 7 mils & 15 lbs (6.8 kg) for 15 mils / 1000 ft ² (92.9 m ²) / 24 hr / per ASTM F1869-04)	ASTM D4541	>400
Volatile Organic Compound - VOC lb/gal (g/L)	ASTM D3960	.02 (2)
Compressive Strength psi (MPa)	ASTM D695	12,000 (82.737)
Tensile Strength, psi (MPa)	ASTM D638	4,200 (28.958)
Alkali Resistance	ASTM D1308	Resistant
Tensile Elongation	ASTM D638	2.7%
Microbial Resistance	ASTM G21	Passes
Eco-MVS™		
Volatile Organic Compound - VOC	ASTM D3960	0.0 lb/gal (0 g/L)

APPLICATION CHARACTERISTICS

Eco-MVR™ System	Application Thickness wet/Dry mils (microns)	Coverage Rate		
		ft ² /gal	m ² /gal	m ² /L
7 Mil System	7 (178)	225	21	5.5
	Withstands moisture vapor emission rates up to 10 lbs (4.5 kgs) per 1,000 ft ² (92.9 m ²) in 24 hours per ASTM F1869-04 or 85% in-situ relative humidity per ASTM F2170			
15 Mil System	5 (127)	321	29.8	7.9
	10 (254)	160	14.9	3.5
	Withstands moisture vapor emission rates up to 15 lbs (6.8 kgs) per 1,000 ft ² (92.9 m ²) in 24 hours per ASTM F1869-04 or 89% in-situ relative humidity per ASTM F2170			

Eco-MVS™ System	Application Thickness wet/Dry mils (microns)	Coverage Rate		
		ft ² /gal	m ² /gal	m ² /L
15 Mil System	3 (76.2)	535	49.7	13.1
	12 (304.8)	133	12.4	3.2
	*Withstands moisture vapor emission rates up to 15 lbs per 1,000 ft ² (92.9 m ²) in 24 hours per ASTM F1869-04 or 89% in-situ relative humidity per ASTM F2170			
23 Mil System	3 (76.2)	535	49.7	13.1
	20 (508)	80	7.4	1.9
	*Withstands moisture vapor emission rates up to 24 lbs per 1,000 ft ² (92.9 m ²) in 24 hours per ASTM F1869-04 or 99% in-situ relative humidity per ASTM F2170			

*Product warranty applies only when ASTM F2170 test meets stated specifications, see system guide for more information. Testing performed at ambient conditions unless stated otherwise. Specifications subject to change without notice

FOR FIRST IMPRESSIONS THAT LAST™

For additional information, call +1.800.228.4943 or email coatings@tennantco.com