

BRIDGE-89
RAILROAD

T-813 P.004/004 F-483

VERMONT AGENCY OF TRANSPORTATION
Protective Coatings for New and 100% Bare Existing Steel for Bridges
2004 Qualified Products List

Construction Spec: Section 513
 Material Spec: Section 708

Manufacturer	Coat P = Primer I = Intermediate T = Top	Product System	Dry Film Thickness (in MILS)		Minimum Time Between Coats (Hours) @ 75°F	Minimum Application Temperature °F (ambient)	NEPCOAT / NICEPCOAT Approved System, Date of Approval	Application (Refer to VDOT Supplemental Specification Section 513)			
			MIN.	MAX.				New Fabricated Steel, Shop Applied	Rehabilitated Steel, Shop Applied	Rehabilitated Steel, Field Applied	Rehabilitated Steel, Field Applied (Cement Coating System)
1) ARIBON PROTECTIVE COATINGS (OC2)	P	Diplocoat 89 ES Zinc Primer (inorganic)	3.0	4.0	24	50	Ept. 4, 1996 March 28, 2001	X	X		
	I	Amercoat 305 Multi-purpose Epoxy	4.0	6.0	8	50					
	T	Amercoat 400 ES Aliphatic Polyurethane	~2.0	3.0	-	50					
2) CARBOLINE COMPANY (OC2)	P	Carboline 11 ES Zinc (inorganic)	~1.0	~1.0	18	50	March 3, 1999 (?)	X	X		
	I	Carboline 800 epoxy	4.0	10.0	7	50					
	T	Carboline 133 ES aliphatic polyurethane	3.0	5.0	-	50					
3) CARBOLINE COMPANY (OC2)	P	Carboline 800 epoxy primer (inorganic)	3.0	6.0	7	50	Feb. 18, 1999			X	
	I	Carboline 800 epoxy	3.0	10.0	4	50					
	T	Carboline 133 ES aliphatic polyurethane	3.0	5.0	-	50					
4) SHERWIN WILLIAMS COATINGS (OC2)	P	Zinc Chd 10 ES	3.0	5.0	2	39	March 28, 2001			X	
	I	Hamprap 446	3.0	10.0	8	50					
	T	Acrylon 718 Acrylic	3.0	6.0	8	39					
5) MAB INDUSTRIAL COATINGS (OC2)	P	Fy-116 Epoxy Organic Zinc Primer	2.5	3.5	16	35	March 28, 2001			X	
	I	Fy-116 Epoxy	3.0	7.0	6	38-50					
	T	Fy-116 ES	2.0	6.0	16	38-50					
6) KYMAX COATINGS (OC2)	P	(inorganic zinc system) MesaZinc ME HMC Primer	3.0	4.0	4	35	March 28, 2001			X	
	I	MesaZinc FUR MC	3.0	4.0	4	35					
	T	Bridge Finish	2.0	3.0	2	35					
7) WASSER RECH TECH COATINGS (OC2)	P	(inorganic zinc system) MC-Zinc zinc rich urethane (organic)	3.0	6.0	4	35	Jan. 8, 1997 (?)	X	X	X	
	I	MC-Primer B urethane	3.0	5.0	6	35					
	T	MC-Primer A aliphatic urethane	3.0	10.0	-	35					
8) ARIBON PROTECTIVE COATINGS (OC2)	P	Amercoat 80 Primer	3.0	6.0	4	35	8-Mar-01	X	X		
	I	Amercoat 80 Intermediate	3.0	4	4	35					
	T	Amercoat 404 Topcoat	2.0	3.0	4	35					

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