

WVDOH APL - Zinc Rich Low VOC Systems

Effective Date: June 17, 2025

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Site Manager (SM) Material Code: 711.022.003

AWP Material Code: 711.022.000

Approved Products Listed can be evaluated based on NTPEP and NEPCOAT Test Results

2 Coat High Build Acrylic Systems using Inorganic Zinc Primer - Shop Use Only

Manufacturer	Primer	Intermediate Coat	Top Coat	WVDOH Approval Number
Sherwin Williams	Zinc Clad II Plus	-----	Fast Clad HB	2502098

Polysiloxane Systems using Inorganic Zinc Primer - Shop Use Only

Manufacturer	Primer	Intermediate Coat	Top Coat	WVDOH Approval Number
PPG	9H VOC	-----	PSX - 700	1463856A
Sherwin Williams	Zinc Clad II Plus	-----	Sherloxane 800	2303899

Urethane Systems using Inorganic Zinc Primer - Shop Use Only

Manufacturer	Primer	Intermediate Coat	Top Coat	WVDOH Approval Number
Carboline	Carbozinc 11 HS	Carboguard 893	Carbothane 133 LV	1453845A
Sherwin Williams	Zinc Clad II Plus	Macropoxy 646	Acrolon 218 HS	2303905
Sherwin Williams	Zinc Clad II Plus	Macropoxy 646	Hi-Solids Polyurethane	2303906
Sherwin Williams	Zinc Clad II Plus	Macropoxy 646	Hi-Solids Polyurethane 250	2303907

2 Coat High Build Acrylic System using Organic Zinc Primer

Manufacturer	Primer	Intermediate Coat	Top Coat	WVDOH Approval Number
Carboline	Carbozinc 859	-----	Carbocrylic 3357 HB	1463853A
Sherwin Williams	Zinc Clad 4100	-----	Fast Clad HB	2303900

Fast Dry Polyaspartic Urethane Systems using Organic Zinc Primer				
Manufacturer	Primer	Intermediate Coat	Top Coat	WVDOH Approval Number
Sherwin Williams	Zinc Clad 4100	-----	Envirolastic 940 LV	2303902

Moisture - Cured Urethane Systems using Organic Zinc Primer				
Manufacturer	Primer	Intermediate Coat	Top Coat	WVDOH Approval Number
Wasser	MC Zinc	MC Miomastic 100	MC FerroX A 100	1463851A

Polysiloxane Systems using Organic Zinc Primer				
Manufacturer	Primer	Intermediate Coat	Top Coat	WVDOH Approval Number
Sherwin Williams	Zinc Clad 4100	-----	Sherloxane 800	2303901
PPG	Amercoat 68 HS	-----	PSX 700	2303935

Urethane Systems using Organic Zinc Primer				
Manufacturer	Primer	Intermediate Coat	Top Coat	WVDOH Approval Number
Carboline	Carbozinc 859	Carboguard 893	Carbothane 133 VOC	1463848A
International	Interzinc 315 B	Intergard 475HS	Interthane 870 UHS	1463849A
PPG	Amercoat 68HS	Amercoat 399	Amercoat 450H	1463847A
PPG	SigmaZinc 70 DOT	DTM Epoxy 202 DOT	Pitthane Ultra DOT	2400992
PPG	SigmaZinc 75 DOT	Amerlock 600 DOT	Pitthane Ultra DOT	2400993
Sherwin Williams	Zinc Clad 4100	Macropoxy 646	Acrolon 218HS	2001516A
Sherwin Williams	Zinc Clad 4100	Macropoxy 646	Hi-Solids Polyurethane 250	2303903
Sherwin Williams	Zinc Clad 4100	Macropoxy 646	Hi-Solids Polyurethane	2303904

Note: The products listed meet the requirements set forth in the WVDOH Standard Specifications Roads and Bridges Section - 711.22 Zinc Rich Low VOC System