

October 6, 2023

STRUCTURAL STEEL COATING SYSTEMS

Specification Reference: 909.03 (c) & SM Producer/Supplier Type: Structural Steel
909.02 (e) Coating Systems
SM Material Code: 909M00230 for list A
909M00235 for list B

This QPL is divided into two lists, List A and List B, depending on the structural steel being coated, either full coating of the structural steel or coating portions of weathering steel as shown on INDOT Standard Drawing E 619-PRWS-01.

List A: For Full Coating of Structural Steel. The following seven structural steel coating systems are in accordance with the requirements of 909.03 and are qualified for use when the contract requires full coating of a steel structure (regardless of whether the steel is weathering steel or not). The Contractor shall use all three products listed for a particular system without exception. The Contractor shall verify with the selected manufacturer that all three products listed for a particular system are available prior to beginning coating work.

Source Code	Manufacturer Product Name	Approval Number
CF038020	PPG PROTECTIVE & MARINE COATINGS, LITTLE ROCK, AR APC System C: DIMETCOTE 9, AMERCOAT 385, AMERCOAT 450 HS INORGANIC ZINC, EPOXY INTERMEDIATE POLYURETHANE FINISH	W028375
CF038031	CARBOLINE COMPANY, LAKE CHARLES, LA Carbo System B: CARBOZINC 11, CARBOGUARD 893, CARBOTHANE 134HS INORGANIC ZINC, EPOXY INTERMEDIATE, POLYURETHANE FINISH	W028378
CF038031	CARBOLINE COMPANY, LAKE CHARLES, LA Carbo System A: CARBOZINC 11HS, CARBOGUARD 893, CARBOTHANE 134HS INORGANIC ZINC, EPOXY INTERMEDIATE, POLYURETHANE FINISH	W028379
CF038040	INTERNATIONAL PAINT, INC., HOUSTON, TX IPI System A: INTERZINC 22HS, INTERGARD 475HS, INTERTHANE 990HS INORGANIC ZINC, EPOXY INTERMEDIATE, POLYURETHANE FINISH	W028380
CF038040	INTERNATIONAL PAINT, INC., HOUSTON, TX IPI System D: INTERZINC 22, INTERGARD 475HS, INTERTHANE 990HS INORGANIC ZINC, EPOXY INTERMEDIATE, POLYURETHANE FINISH	W028381
CF038050	INTERNATIONAL PAINT, INC., UNION, NJ IPI System B: INTERZINC 22HS, INTERGARD 475HS, INTERTHANE 990HS INORGANIC ZINC, EPOXY INTERMEDIATE, POLYURETHANE FINISH	W028382
CF038050	INTERNATIONAL PAINT, INC., UNION, NJ IPI System C: INTERZINC 22, INTERGARD 475HS, INTERTHANE 990HS INORGANIC ZINC, EPOXY INTERMEDIATE, POLYURETHANE FINISH	W028383

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List B: For Coating Portions of Weathering Steel. When the contract requires coating only portions of weathering steel within the limits shown on INDOT Standard Drawing E 619-PRWS-01, the following eight systems are in accordance with 909.03 and are qualified for use as a structural steel coating system in accordance with 619.09(a).

Note: * = Per 909.02 (e), the finish coat for coating weathering steel, within the limits shown on Standard Drawing E 619-PRWS-01, shall be either polyurethane or waterborne meeting the requirements of 909.02 (e). The polyurethane or waterborne finish coat is not required to be from the same manufacturer as the manufacturer of the primer and intermediate coatings.

Source Code	Manufacturer Product Name	Approval Number
CF038020	PPG PROTECTIVE & MARINE COATINGS, LITTLE ROCK, AR----- APC System C: DIMETCOTE 9, AMERCOAT 385, * INORGANIC ZINC, EPOXY INTERMEDIATE, POLYURETHANE OR WATERBORNE	W028375
CF038031	CARBOLINE COMPANY, LAKE CHARLES, LA----- Carbo System B: CARBOZINC 11, CARBOGUARD 893, * INORGANIC ZINC, EPOXY INTERMEDIATE, POLYURETHANE OR WATERBORNE	W028378
CF038031	CARBOLINE COMPANY, LAKE CHARLES, LA----- Carbo System A: CARBOZINC 11HS, CARBOGUARD 893, * INORGANIC ZINC, EPOXY INTERMEDIATE, POLYURETHANE OR WATERBORNE	W028379
CF038040	INTERNATIONAL PAINT, INC., HOUSTON, TX----- IPI System A: INTERZINC 22HS, INTERGARD 475HS, * INORGANIC ZINC, EPOXY INTERMEDIATE, POLYURETHANE OR WATERBORNE	W028380
CF038040	INTERNATIONAL PAINT, INC., HOUSTON, TX----- IPI System D: INTERZINC 22, INTERGARD 475HS, * INORGANIC ZINC, EPOXY INTERMEDIATE, POLYURETHANE OR WATERBORNE	W028381
CF038050	INTERNATIONAL PAINT, INC., UNION, NJ----- IPI System B: INTERZINC 22HS, INTERGARD 475HS, * INORGANIC ZINC, EPOXY INTERMEDIATE, POLYURETHANE OR WATERBORNE	W028382
CF038050	INTERNATIONAL PAINT, INC., UNION, NJ----- IPI System C: INTERZINC 22, INTERGARD 475HS, * INORGANIC ZINC, EPOXY INTERMEDIATE, POLYURETHANE OR WATERBORNE	W028383
CF058020	SHERWIN-WILLIAMS CO., ANDOVER, KS----- ZINC CLAD II PLUS, STEEL SPEC EPOXY, * INORGANIC ZINC, EPOXY INTERMEDIATE, POLYURETHANE OR WATERBORNE	W118380