

SECTION 09 90 00

PAINTING – Ultra Premium

PART 3-EXECUTION

3.01 PREPARATION:

- A. Perform preparation and cleaning procedures in strict accordance with coating manufacturer's instructions for each substrate condition.
- B. Concrete and Masonry: Surfaces shall be dry, clean, and free of dirt, efflorescence, encrustation, and other foreign matter. Glazed surfaces on concrete shall be roughened or etched to uniform texture.
- C. Ferrous Metal: Clean oil, grease, and foreign matter with solvent. Surface shall be primed within 3 hours after preparation.
- D. Sand and scrape metal to remove loose primer and rust.
- E. Non-Ferrous Metal: Chemically or solvent clean and then treat with an etching-type solution if recommended by the finish manufacturer. Cleaned and retreated Non-Ferrous Metal shall be primed the same day that cleaning has been performed.
- F. Wood Surfaces: Remove dust, grit and foreign matter. Sand surfaces and dust clean. Spot coat knots, pitch streaks, and sappy section with pigmented stain sealer when surfaces are to be painted. Fill nail holes, cracks and other defects after priming and spot prime repairs when fully cured.
- G. Remove hardware and accessories, machined surfaces, plates, lighting fixtures and similar items in place and not-to-be-finish painted, or provide surface-applied protection. Reinstall removed items upon completion of work in each area.
- H. Existing surfaces to be recoated shall be thoroughly cleaned and deglossed by sanding or other means prior to painting. Patched and bare areas shall be spot primed with same primer as specified for new work.
- I. Thoroughly backpaint all surfaces of exterior and interior finish lumber and millwork, including doors and window frames, trim, cabinetwork, etc., which will be concealed after installation. Backpaint items to be painted or enameled with the priming coat. Use a clear sealer for backpriming where transparent finish is required.
- J. Bare and covered pipes, ducts, hangers, exposed steel and ironwork, and primed metal surfaces of equipment installed under mechanical and electrical work shall be cleaned prior to priming.
- K. Preparation of other surfaces shall be performed following specific recommendations of the coatings manufacturer.
- L. Bond breakers and curing agents shall be removed and the surface cleaned before primers, sealers or finish paints can be applied.
- M. All drywall surfaces shall be completely dry and dust free before painting. Skim coated drywall shall be sealed with a sealer recommended by the paint manufacturer for this surface. Use the appropriate light or medium tack masking tape.

3.02 FINISH SCHEDULE

- A. Apply the following finishes to the surfaces specified on the finish schedule or on the drawings. Apply all materials in accordance with manufacturer's instructions on properly prepared surfaces and foundation coats. All intermediate undercoats must be tinted to approximate the final color.
1. Architect will issue a color schedule prior to start of painting to designate the various colors and locations required for the work.
- B. Exterior Systems:
1. Masonry Concrete Tilt-up:
 - a. Flat -

First Coat	EFF-STOP Select Masonry Primer/Sealer (ESSL00)
Second Coat	EVERSHIELD, Exterior Flat Paint (EVSH10)
Third Coat	EVERSHIELD, Exterior Flat Paint (EVSH10)
 - b. Velvet -

First Coat	EFF-STOP Select Masonry Primer/Sealer (ESSL00)
Second Coat	EVERSHIELD, Exterior Velvet Paint (EVSH20)
Third Coat	EVERSHIELD, Exterior Velvet Paint (EVSH20)
 - c. Eggshell -

First Coat	EFF-STOP Select Masonry Primer/Sealer (ESSL00)
Second Coat	EVERSHIELD, Exterior Eggshell Paint (EVSH30)
Third Coat	EVERSHIELD, Exterior Eggshell Paint (EVSH30)
 - d. Low Sheen -

First Coat	EFF- STOP Select Masonry Primer/Sealer (ESSL00)
Second Coat	EVERSHIELD, Exterior Low Sheen Paint (EVSH40)
Third Coat	EVERSHIELD, Exterior Low Sheen Paint (EVSH40)
 - e. Semi-Gloss -

First Coat	EFF- STOP Select Masonry Primer/Sealer (ESSL00)
Second Coat	EVERSHIELD, Exterior Semi-Gloss Paint (EVSH50)
Third Coat	EVERSHIELD, Exterior Semi-Gloss Paint (EVSH50)
 - f. Gloss -

First Coat	EFF- STOP Select Masonry Primer/Sealer (ESSL00)
Second Coat	EVERSHIELD, Exterior Gloss Paint (EVSH60)
Third Coat	EVERSHIELD, Exterior Gloss Paint (EVSH60)

B. Exterior Systems (Continued):

2. Masonry and Stucco:

a. Flat –

First Coat	FLEX-PRIME Select, Flexible Crack-Resistant Primer (FPSL00)
Second Coat	EVERSHIELD, Exterior Flat Paint (EVSH10)
Third Coat	EVERSHIELD, Exterior Flat Paint (EVSH10)

b. Velvet Sheen -

First Coat	FLEX-PRIME Select, Flexible Crack-Resistant Primer (FPSL00)
Second Coat	EVERSHIELD, Exterior Velvet Paint (EVSH20)
Third Coat	EVERSHIELD, Exterior Velvet Paint (EVSH20)

c. Eggshell -

First Coat	FLEX-PRIME Select, Flexible Crack-Resistant Primer (FPSL00)
Second Coat	EVERSHIELD, Exterior Eggshell Paint (EVSH30)
Third Coat	EVERSHIELD, Exterior Eggshell Paint (EVSH30)

d. Low Sheen –

First Coat	FLEX-PRIME Select, Flexible Crack-Resistant Primer (FPSL00)
Second Coat	EVERSHIELD, Exterior Low Sheen Paint (EVSH40)
Third Coat	EVERSHIELD, Exterior Low Sheen Paint (EVSH40)

e. Semi-Gloss–

First Coat	FLEX-PRIME Select, Flexible Crack-Resistant Primer (FPSL00)
Second Coat	EVERSHIELD, Exterior Semi-Gloss Paint (EVSH50)
Third Coat	EVERSHIELD, Exterior Semi-Gloss Paint (EVSH50)

f. Gloss–

First Coat	FLEX-PRIME Select, Flexible Crack-Resistant Primer (FPSL00)
Second Coat	EVERSHIELD, Exterior Gloss Paint (EVSH60)
Third Coat	EVERSHIELD, Exterior Gloss Paint (EVSH60)

g. Elastomeric -

First Coat	ELAST-O-KOTE Surface Conditioner
Second Coat	ELAST-O-KOTE 5, High Build Elastomeric Waterproofing
Third Coat	ELAST-O-KOTE 5, High Build Elastomeric Waterproofing

h. Graffiti Barrier - Unpainted Surface

First Coat	RAINGUARD, Microseal
Second Coat	RAINGUARD, Vandlguard

B. Exterior Systems (Continued):

2. Masonry and Stucco:

i. Graffiti Barrier - Painted Surface

One Coat RAINGUARD, Vandlguard

3. Exterior Gypsum Board

a. Flat –

First Coat ULTRA-GRIP Series Premium, Multi Purpose Primer (UGPR00)

Second Coat EVERSIELD, Exterior Flat Paint (EVSH10)

Third Coat EVERSIELD, Exterior Flat Paint (EVSH10)

b. Velvet Sheen – 100% Acrylic

First Coat ULTRA-GRIP Series Premium, Multi Purpose Primer (UGPR00)

Second Coat EVERSIELD, Exterior Velvet Paint (EVSH20)

Third Coat EVERSIELD, Exterior Velvet Paint (EVSH20)

c. Eggshell – 100% Acrylic

First Coat ULTRA-GRIP Series Premium, Multi Purpose Primer (UGPR00)

Second Coat EVERSIELD, Exterior Eggshell Paint (EVSH30)

Third Coat EVERSIELD, Exterior Eggshell Paint (EVSH30)

d. Low Sheen – 100% Acrylic

First Coat ULTRA-GRIP Series Premium, Multi Purpose Primer (UGPR00)

Second Coat EVERSIELD, Exterior Low Sheen Paint (EVSH40)

Third Coat EVERSIELD, Exterior Low Sheen Paint (EVSH40)

e. Semi-Gloss – 100% Acrylic Finish Coat

First Coat ULTRA-GRIP Series Premium, Multi Purpose Primer (UGPR00)

Second Coat EVERSIELD, Exterior Semi-Gloss Paint (EVSH50)

Third Coat EVERSIELD, Exterior Semi-Gloss Paint (EVSH50)

f. Gloss – 100% Acrylic Finish Coat

First Coat ULTRA-GRIP Series Premium, Multi Purpose Primer (UGPR00)

Second Coat EVERSIELD, Exterior Gloss Paint (EVSH60)

Third Coat EVERSIELD, Exterior Gloss Paint (EVSH60)

B. Exterior Systems (Continued):

4. Concrete Block – CMU

a. Flat –Acrylic Copolymer / 100% Acrylic

First Coat	SMOOTH BLOCFIL SELECT CONCRETE BLOCK FILLER (SBSL00)
Second Coat	EVERSHIELD Exterior Flat Paint (EVSH10)
Third Coat	EVERSHIELD Exterior Flat Paint (EVSH10)

b. Velvet - Acrylic Copolymer / Acrylic

First Coat	SMOOTH BLOCFIL SELECT CONCRETE BLOCK FILLER (SBSL00)
Second Coat	EVERSHIELD Exterior Velvet Paint (EVSH20)
Third Coat	EVERSHIELD Exterior Velvet Paint (EVSH20)

c. Eggshell - Acrylic Copolymer / Acrylic

First Coat	SMOOTH BLOCFIL SELECT CONCRETE BLOCK FILLER (SBSL00)
Second Coat	EVERSHIELD, Exterior Eggshell Paint (EVSH30)
Third Coat	EVERSHIELD, Exterior Eggshell Paint (EVSH30)

d. Low Sheen – Acrylic Copolymer / Acrylic

First Coat	SMOOTH BLOCFIL SELECT CONCRETE BLOCK FILLER (SBSL00)
Second Coat	EVERSHIELD, Exterior Low Sheen Paint (EVSH40)
Third Coat	EVERSHIELD, Exterior Low Sheen Paint (EVSH40)

e. Semi-Gloss –

First Coat	SMOOTH BLOCFIL SELECT CONCRETE BLOCK FILLER (SBSL00)
Second Coat	EVERSHIELD, Exterior Semi-Gloss Paint (EVSH50)
Third Coat	EVERSHIELD, Exterior Semi-Gloss Paint (EVSH50)

f. Gloss –

First Coat	SMOOTH BLOCFIL SELECT CONCRETE BLOCK FILLER (SBSL00)
Second Coat	EVERSHIELD, Exterior Gloss Paint (EVSH60)
Third Coat	EVERSHIELD, Exterior Gloss Paint (EVSH60)

g. Graffiti Barrier - Unpainted Surface - Waterborne Urethane/Waterborne Polyurethane

First Coat	RAINGUARD, Microseal
Second Coat	RAINGUARD, Vandlguard

B. Exterior Systems (Continued):

4. Concrete Block – CMU (Continued):

h. Graffiti Barrier - Painted Surface - Waterborne Polyurethane

One Coat RAINGUARD, Vandlguard

5. Wood – Paint Finish

a. Flat –

First Coat EZ-PRIME Premium, Exterior Wood Primer (EZPR00)
Second Coat EVERSIELD Exterior Flat Paint (EVSH10)
Third Coat EVERSIELD Exterior Flat Paint (EVSH10)

b. Velvet –

First Coat EZ-PRIME Premium, Exterior Wood Primer (EZPR00)
Second Coat EVERSIELD Exterior Velvet Paint (EVSH20)
Third Coat EVERSIELD Exterior Velvet Paint (EVSH20)

c. Eggshell –

First Coat EZ-PRIME Premium, Exterior Wood Primer (EZPR00)
Second Coat EVERSIELD, Exterior Eggshell Paint (EVSH30)
Third Coat EVERSIELD, Exterior Eggshell Paint (EVSH30)

d. Low Sheen –

First Coat EZ-PRIME Premium, Exterior Wood Primer (EZPR00)
Second Coat EVERSIELD, Exterior Low Sheen Paint (EVSH40)
Third Coat EVERSIELD, Exterior Low Sheen Paint (EVSH40)

e. Semi-Gloss –

First Coat EZ-PRIME Premium, Exterior Wood Primer (EZPR00)
Second Coat EVERSIELD, Exterior Semi-Gloss Paint (EVSH50)
Third Coat EVERSIELD, Exterior Semi-Gloss Paint (EVSH50)

f. Gloss –

First Coat EZ-PRIME Premium, Exterior Wood Primer (EZPR00)
Second Coat EVERSIELD, Exterior Gloss Paint (EVSH60)
Third Coat EVERSIELD, Exterior Gloss Paint (EVSH60)

g. Graffiti Barrier - Painted Surface - Waterborne Urethane/Waterborne Polyurethane

One Coat RAINGUARD, Vandlguard

6. Wood Rough Sawn – Stain Finish – Opaque:

Two Coats SPARTASHIELD Exterior Flat Paint (SSHL10)

B. Exterior Systems (Continued):

7. Wood – Stain Finish – Semi-Transparent:

Two Coats OKON WEATHER PRO, 100% Acrylic Semi-Transparent Stain (WPT3)

8. Ferrous Metal:

a. Flat –

First Coat BLOC-RUST Premium, Rust Preventative Metal Primer (BRPR00-1 Series)

Second Coat EVERSIELD Exterior Flat Paint (EVSH10)

Third Coat EVERSIELD Exterior Flat Paint (EVSH10)

b. Velvet –

First Coat BLOC-RUST Premium, Rust Preventative Metal Primer (BRPR00-1 Series)

Second Coat EVERSIELD Exterior Velvet Paint (EVSH20)

Third Coat EVERSIELD Exterior Velvet Paint (EVSH20)

c. Eggshell –

First Coat BLOC-RUST Premium, Rust Preventative Metal Primer (BRPR00-1 Series)

Second Coat EVERSIELD Exterior Eggshell Paint (EVSH30)

Third Coat EVERSIELD Exterior Eggshell Paint (EVSH30)

d. Low Sheen –

First Coat BLOC-RUST Premium, Rust Preventative Metal Primer (BRPR00-1 Series)

Second Coat EVERSIELD, Exterior Low Sheen Paint (EVSH40)

Third Coat EVERSIELD, Exterior Low Sheen Paint (EVSH40)

e. Semi-Gloss –

First Coat BLOC-RUST Premium, Rust Preventative Metal Primer (BRPR00-1 Series)

Second Coat EVERSIELD, Exterior Semi-Gloss (EVSH50)

Third Coat EVERSIELD, Exterior Semi-Gloss (EVSH50)

f. Semi-Gloss – High Performance

First Coat CARBOLINE, CARBOMASTIC 15

Second Coat CARBOLINE, CARBOTHANE, Acrylic Polyurethane 133 Series

Third Coat CARBOLINE, CARBOTHANE, Acrylic Polyurethane 133 Series

B. Exterior Systems (Continued):

8. Ferrous Metal (Continued):

g. Gloss –

First Coat	BLOC-RUST Premium, Rust Preventative Metal Primer (BRPR00-1 Series)
Second Coat	EVERSHIELD, Exterior Gloss Paint (EVSH60)
Third Coat	EVERSHIELD, Exterior Gloss Paint (EVSH60)

h. Gloss – High Performance

First Coat	CARBOLINE, CARBOMASTIC, Epoxy 15
Second Coat	CARBOLINE, CARBOTHANE, Acrylic Polyurethane 134 Series
Third Coat	CARBOLINE, CARBOTHANE, Acrylic Polyurethane 134 Series

i. Graffiti Barrier - Painted Surface - Waterborne Urethane/Waterborne Polyurethane

One Coat	RAINGUARD, Vandlguard
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9. Non-Ferrous Metal

a. Flat –

Pretreatment	SUPREME CHEMICAL, METAL CLEAN AND ETCH (ME 01)
First Coat	GALV-ALUM Premium, Non Ferrous Metal Primer (GAPR00)
Second Coat	EVERSHIELD Exterior Flat Paint (EVSH10)
Third Coat	EVERSHIELD Exterior Flat Paint (EVSH10)

b. Velvet Sheen -

Pretreatment	SUPREME CHEMICAL, METAL CLEAN AND ETCH (ME 01)
First Coat	GALV-ALUM Premium, Non Ferrous Metal Primer (GAPR00)
Second Coat	EVERSHIELD Exterior Velvet Paint (EVSH20)
Third Coat	EVERSHIELD Exterior Velvet Paint (EVSH20)

c. Eggshell -

Pretreatment	SUPREME CHEMICAL, METAL CLEAN AND ETCH (ME 01)
First Coat	GALV-ALUM Premium, Non Ferrous Metal Primer (GAPR00)
Second Coat	EVERSHIELD, Exterior Eggshell Paint (EVSH30)
Third Coat	EVERSHIELD, Exterior Eggshell Paint (EVSH30)

d. Low Sheen -

Pretreatment	SUPREME CHEMICAL, METAL CLEAN AND ETCH (ME 01)
First Coat	GALV-ALUM Premium, Non Ferrous Metal Primer (GAPR00)
Second Coat	EVERSHIELD, Exterior Low Sheen Paint (EVSH40)
Third Coat	EVERSHIELD, Exterior Low Sheen Paint (EVSH40)

B. Exterior Systems (Continued):

9. Non-Ferrous Metal (Continued):

e. Semi-Gloss –

Pretreatment	SUPREME CHEMICAL, METAL CLEAN AND ETCH (ME 01)
First Coat	GALV-ALUM Premium, Non Ferrous Metal Primer (GAPR00)
Second Coat	EVERSHIELD, Exterior Semi-Gloss (EVSH50)
Third Coat	EVERSHIELD, Exterior Semi-Gloss Paint (EVSH50)

f. Semi-Gloss – High Performance

Pretreatment	SUPREME CHEMICAL, METAL CLEAN AND ETCH (ME 01)
First Coat	CARBOLINE, CORBOMASTIC EPOXY 15
Second Coat	CARBOLINE, CARBOTHANE, Acrylic Polyurethane 133 Series
Third Coat	CARBOLINE, CARBOTHANE, Acrylic Polyurethane 133 Series

g. Gloss –

Pretreatment	SUPREME CHEMICAL, METAL CLEAN AND ETCH (ME 01)
First Coat	GALV-ALUM Premium, Non Ferrous Metal Primer (GAPR00)
Second Coat	EVERSHIELD, Exterior Gloss Paint (EVSH60)
Third Coat	EVERSHIELD, Exterior Gloss Paint (EVSH60)

h. Gloss – High Performance

Pretreatment	SUPREME CHEMICAL, METAL CLEAN AND ETCH (ME 01)
First Coat	CARBOLINE, CARBOLINE, CORBOMASTIC EPOXY 15
Second Coat	CARBOLINE, CARBOTHANE, Acrylic Polyurethane 134 Series
Third Coat	CARBOLINE, CARBOTHANE, Acrylic Polyurethane 134 Series

i. Graffiti Barrier - Painted Surface - Waterborne Urethane/Waterborne Polyurethane

One Coat	RAINGUARD, Vandlguard
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NOTICE

Availability of products listed in this specification may be affected by local, state, or federal regulatory requirements for architectural coatings. Consult your Dunn-Edwards representative for information on current product availability. Submittals prepared by Dunn-Edwards in accordance with this specification may include product codes that are modified with a letter suffix (e.g., W 901V or W 901E) to indicate the specific product formulation currently available to meet applicable requirements.

END OF SECTION