SURFACE PREPARATION:

- Inspect metal for corrosion or rust.
- On previously painted surfaces, power wash, grease, oil, mildew, and other contaminants.
- Scrape and sand smooth all rusted, peeled, or blistered areas.
- Remove heavy rust deposits with a wire brush or power sander.
- Sand glossy surfaces to provide a roughened surface or “tooth” for better adhesion.
- Wipe off dust and metal particles before painting.
- Remove all hardware, if necessary.
- Mask and protect areas not being painted.

PAINTING TIPS:

- Avoid painting warm metal surfaces in direct sunlight to prevent lap or brush marks and heat blisters.
- Prime immediately after surface preparation.
- Keep moisture from contacting unpainted surfaces to prevent flash rusting.
- Use a corrosion-inhibiting primer on bare metal surfaces.
- Spot prime severely rusted areas with a rust neutralizer for added corrosion resistance.
- Use a non-blocking acrylic paint, such as the EVERSHIELD line.
- Paint within the ideal temperature range of 50° to 90°F.
- Allow adequate dry time before closing doors.
- Pre-wet brushes and rollers with the appropriate solvent to improve paint application.
- Keep oil-based paints away from heat, sparks and open flame.
SURFACE PREPARATION:

- Allow surface to cure for at least 30 days.
- On previously painted surfaces, power wash, wire brush, sand, patch, and prime exposed areas.
- Fill and caulk voids, seams, and joints, especially around doors and windows to prevent moisture intrusion (if applicable).
- Check concrete tilt-up for bond breakers or oils.
- Sand glossy surfaces to provide a roughened surface or “tooth” for better adhesion.
- Add concrete bonding glue to dry mix stucco patch for better adhesion; Use a rubber float to apply stucco patch and match existing stucco textures.
- Surface must be dry and free of dirt, grease, and oil.
- Check the moisture content of surface.
- Mask and protect areas not being painted.

PAINTING TIPS:

- Do not paint in direct sunlight.
- Pressure washing is recommended to remove bond breakers from concrete tilt-up walls.
- Using a primer, such as SUPER-LOC Premium (SLPR00), is strongly recommended on smooth-troweled concrete surfaces to minimize adhesion problems.
- Airless spraying is more effective for large areas, but be sure to protect surrounding surfaces from overspray in windy conditions.
- Use a long nap roller to ensure paint is worked into stucco surface. A long nap cover also speeds up paint application.
- Stucco surfaces have a tendency to accumulate dirt, so using higher sheen finishes, such as EVERSHEILD Velvet (EVSH20) or EVERSHEILD Eggshell (EVSH30) on stucco walls will provide better dirt pick-up resistance.
- Pre-wet brushes and rollers with the appropriate solvent to improve paint application.
### Brick
- Unpainted
- Previously painted with non-flat paint
- Previously painted with flat paint (except on areas where paint has worn thin, peeled, or blistered)

### Concrete
- Unpainted
- Previously painted with non-flat paint
- Previously painted with flat paint (except on areas where paint has worn thin, peeled, or blistered)

### Poured-in-Place
- Unpainted
- Previously painted with non-flat paint
- Previously painted with flat paint (except on areas where paint has worn thin, peeled, or blistered)

### Stucco
- Unpainted
- Previously painted with non-flat paint
- Previously painted with flat paint (except on areas where paint has worn thin, peeled, or blistered)

### RECOMMENDED PRIMER | BEST QUALITY WATER-BASED | MAINTENANCE WATER-BASED
--- | --- | ---
Unpainted | EFF-STOP Premium (ESPR00) | EFF-STOP Select (ESSL00) or SUPER-LOC Premium (SLPR00)
Previously painted with non-flat paint | ULTRA-GRIP Premium (UGPR00) | ULTRA-GRIP Select (UGSL00)
Previously painted with flat paint (except on areas where paint has worn thin, peeled, or blistered) | Not Required | Not Required (except on areas where paint has worn thin, peeled, or blistered)

### RECOMMENDED FINISH | BEST QUALITY WATER-BASED | MAINTENANCE WATER-BASED
--- | --- | ---
Flat | EVERSHEL (EVSH10) | SPARTASHIELD (SSHL10)
Velvet | EVERSHEL (EVSH20) | SPARTASHIELD (SSHL20)
Eggshell | EVERSHEL (EVSH30) | SPARTASHIELD (SSHL30)
Low Sheen | EVERSHEL (EVSH40) | SPARTASHIELD (SSHL40)
Semi-Gloss | EVERSHEL (EVSH50) | SPARTASHIELD (SSHL50)
Gloss | EVERSHEL (EVSH60) | SPARTASHIELD (SSHL60)
**SURFACE PREPARATION:**
- Allow surface to cure for at least 30 days.
- On previously painted surfaces, power wash, wire brush, sand, patch, and prime exposed areas.
- Fill and caulk voids, seams, and joints, especially around doors and windows to prevent moisture intrusion (if applicable).
- Check concrete tilt-up for bond breakers or oils.
- Sand glossy surfaces to provide a roughened surface or “tooth” for better adhesion.
- Add concrete bonding glue to dry mix stucco patch for better adhesion; Use a rubber float to apply stucco patch and match existing stucco textures.
- Surface must be dry and free of dirt, grease, and oil.
- Check the moisture content of surface.
- Mask and protect areas not being painted.

**PAINTING TIPS:**
- Do not paint in direct sunlight.
- Pressure washing is recommended to remove bond breakers from concrete tilt-up walls.
- Concrete tilt-up walls are normally “sacked” (i.e., patched) with highly alkaline patching compounds. Use an alkali-resistant primer, such as **EFF-STOP Premium (ESPR00)** or **SUPER-LOC Premium (SLPR00)**, to minimize adhesion and color burnout problems. Use also if it is not possible to allow the new surface to cure for at least 30 days.
- Using a primer, such as **SUPER-LOC Premium (SLPR00)**, is strongly recommended on smooth-troweled concrete surfaces to minimize adhesion problems.
- Airless spraying is more effective for large areas, but be sure to protect surrounding surfaces from overspray in windy conditions.
- Use a long nap roller to ensure paint is worked into stucco surface. A long nap cover also speeds up paint application.
- Stucco surfaces have a tendency to accumulate dirt, so using higher sheen finishes, such as **EVERSHIELD Velvet (EVSH20)** or **EVERSHIELD Eggshell (EVSH30)** on stucco walls will provide better dirt pick-up resistance.
- Pre-wet brushes and rollers with the appropriate solvent to improve paint application.

### RECOMMENDED PRIMER

<table>
<thead>
<tr>
<th>Unpainted</th>
<th>SUPER-LOC Premium (SLPR00) or EFF-STOP Premium (ESPR00)</th>
<th>EFF-STOP Select (ESSL00)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Previously painted with flat paint</td>
<td>Not Required (except on areas where paint has worn thin, peeled, or blistered)</td>
<td>Not Required (except on areas where paint has worn thin, peeled, or blistered)</td>
</tr>
</tbody>
</table>

### RECOMMENDED FINISH

| Flat | SPARTASHIELD (SSHL10) | ACRI-HUES (ACHS10) |
Non-Ferrous Metal (galvanized & aluminum)

SURFACE PREPARATION:
- Inspect metal for corrosion.
- On previously painted surfaces, power wash, scrape, sand, patch, and prime exposed areas.
- On unpainted surfaces, power wash with degreaser and rinse thoroughly with water.
- Acid etch new galvanized metal surfaces to ensure adhesion of primer/topcoat.
- Aluminum surface must be dry and free of corrosion "white rust," dirt, grease, and oil.
- Sand glossy surfaces to provide a roughened surface or "tooth" for better adhesion.
- Mask and tape areas not being painted.

PAINTING TIPS:
- Avoid painting warm metal surfaces in direct sunlight to prevent lap or brush marks and heat blisters.
- For a premium water-based, non-blocking paint, use the EVERSHIELD line.
- Paint within the ideal temperature range of 50° to 90° F.
- Pre-wet brushes and rollers with the appropriate solvent to improve paint application.
- Keep oil-based paints away from heat, sparks and open flame.

<table>
<thead>
<tr>
<th>RECOMMENDED PRIMER</th>
<th>BEST QUALITY WATER-BASED</th>
<th>MAINTENANCE WATER-BASED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unpainted</td>
<td>ULTRASHIELD Galvanized Metal Primer (ULGM00)</td>
<td>ULTRA-GRIP Select (UGSL00)</td>
</tr>
<tr>
<td>Previously painted with non-flat paint</td>
<td>ULTRASHIELD Galvanized Metal Primer (ULGM00)</td>
<td>ULTRA-GRIP Select (UGSL00)</td>
</tr>
<tr>
<td>Previously painted with flat paint</td>
<td>Not Required (except on areas where paint has worn thin, peeled, or blistered)</td>
<td>Not Required (except on areas where paint has worn thin, peeled, or blistered)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RECOMMENDED FINISH</th>
<th>BEST QUALITY WATER-BASED</th>
<th>MAINTENANCE WATER-BASED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Velvet</td>
<td>EVERSHEILD (EVSH20)</td>
<td>SPARTASHIELD (SSHL20)</td>
</tr>
<tr>
<td>Eggshell</td>
<td>EVERSHEILD (EVSH30)</td>
<td>SPARTASHIELD (SSHL30)</td>
</tr>
<tr>
<td>Low Sheen</td>
<td>EVERSHEILD (EVSH40)</td>
<td>SPARTASHIELD (SSHL40)</td>
</tr>
<tr>
<td>Semi-Gloss</td>
<td>EVERSHEILD (EVSH50)</td>
<td>SPARTASHIELD (SSHL50)</td>
</tr>
<tr>
<td>Gloss</td>
<td>EVERSHEILD (EVSH60)</td>
<td>SPARTASHIELD (SSHL60)</td>
</tr>
</tbody>
</table>
**Concrete and Cinderblock (CMU)**

**SURFACE PREPARATION:**
- Allow new concrete block walls to cure for at least 30 days.
- On previously painted surfaces, power wash, scrape, sand, patch, and prime exposed areas.
- Sand glossy surfaces to provide a roughened surface or “tooth” for better adhesion.
- Mask and protect areas not being painted.
- Check the moisture content of surface.
- Surface must be dry and free of dirt, grease, and oil.
- Use patching and caulking compounds to fill small cracks, voids, seams, joints, and holes.

**PAINTING TIPS:**
- Try to remedy situations where water pools against exterior walls. If this is not done, moisture will continue to penetrate the wall and cause paint adhesion failures.
- Do not paint in direct sunlight.
- Use an alkali-resistant primer, such as **EFF-STOP Premium (ESPR00)** or **SUPER-LOC Premium (SLPR00)**, to minimize color burnout caused by pH levels in mortar joints.
- Apply a block filler, such as **Smooth BLOCFIL Premium (SBPR00)** or **Smooth BLOCFIL Select (SBSL00)**, to unpainted concrete block to minimize water intrusion.
- Use a long nap roller to ensure the block filler is worked into the block’s surface.
- Pre-wet brushes and rollers with the appropriate solvent to improve paint application.

<table>
<thead>
<tr>
<th>RECOMMENDED PRIMER</th>
<th>BEST QUALITY WATER-BASED</th>
<th>MAINTENANCE WATER-BASED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unpainted</td>
<td>Smooth BLOCFIL Premium (SBPR00)</td>
<td>Smooth BLOCFIL Select (SBSL00)</td>
</tr>
<tr>
<td>Previously painted with non-flat paint</td>
<td>ULTRA-GRIP Premium (UGPR00)</td>
<td>ULTRA-GRIP Select (UGSL00)</td>
</tr>
<tr>
<td>Previously painted with flat paint</td>
<td>Not Required (except on areas where paint has worn thin, peeled, or blistered)</td>
<td>Not Required (except on areas where paint has worn thin, peeled, or blistered)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RECOMMENDED FINISH</th>
<th>BEST QUALITY WATER-BASED</th>
<th>MAINTENANCE WATER-BASED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat</td>
<td>EVERSHEILD (EVSH10)</td>
<td>SPARTASHIELD (SSHL10)</td>
</tr>
<tr>
<td>Velvet</td>
<td>EVERSHEILD (EVSH20)</td>
<td>SPARTASHIELD (SSHL20)</td>
</tr>
<tr>
<td>Eggshell</td>
<td>EVERSHEILD (EVSH30)</td>
<td>SPARTASHIELD (SSHL30)</td>
</tr>
<tr>
<td>Low Sheen</td>
<td>EVERSHEILD (EVSH40)</td>
<td>SPARTASHIELD (SSHL40)</td>
</tr>
<tr>
<td>Semi-Gloss</td>
<td>EVERSHEILD (EVSH50)</td>
<td>SPARTASHIELD (SSHL50)</td>
</tr>
<tr>
<td>Gloss</td>
<td>EVERSHEILD (EVSH60)</td>
<td>SPARTASHIELD (SSHL60)</td>
</tr>
</tbody>
</table>
**SURFACE PREPARATION:**
- On previously painted surfaces, power wash, scrape, sand, patch, and prime exposed areas.
- Sand glossy surfaces to provide a roughened surface or “tooth” for better adhesion.
- Mask and protect areas not being painted.
- Surface must be dry and free of dirt, grease, and oil.
- Fill and caulk all voids, seams, and joints.

**PAINTING TIPS:**
- Do not paint in direct sunlight.
- Use a synthetic wood and composition board primer, such as ULTRA-GRIP Premium (UGPR00).
- Pre-wet brushes and rollers in the appropriate solvent to improve paint application.
- Use a roller cover to apply paint to siding. Roll the cover horizontally or vertically depending on how the siding is installed.
- Paint a five- to six-foot section on three to four siding pieces. Next, lay-off the painted section with a brush. Then, move to next section and repeat the process. Be sure to maintain a wet edge, so finish looks smooth and uniform.
- Airless spraying is more effective for large areas, but be sure to protect surrounding surfaces from overspray in windy conditions.

<table>
<thead>
<tr>
<th>RECOMMENDED PRIMER</th>
<th>BEST QUALITY WATER-BASED</th>
<th>MAINTENANCE WATER-BASED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unpainted</td>
<td>ULTRA-GRIP Premium (UGPR00)</td>
<td>ULTRA-GRIP Select (UGSL00)</td>
</tr>
<tr>
<td>Previously painted with non-flat paint</td>
<td>ULTRA-GRIP Premium (UGPR00)</td>
<td>ULTRA-GRIP Select (UGSL00)</td>
</tr>
<tr>
<td>Previously painted with flat paint</td>
<td>Not Required (except on areas where paint has worn thin, peeled, or blistered)</td>
<td>n/a</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RECOMMENDED FINISH</th>
<th>BEST QUALITY WATER-BASED</th>
<th>MAINTENANCE WATER-BASED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat</td>
<td>EVERSHEILD (EVSH10)</td>
<td>SPARTASHIELD (SSHL10)</td>
</tr>
<tr>
<td>Velvet</td>
<td>EVERSHEILD (EVSH20)</td>
<td>SPARTASHIELD (SSHL20)</td>
</tr>
<tr>
<td>Eggshell</td>
<td>EVERSHEILD (EVSH30)</td>
<td>SPARTASHIELD (SSHL30)</td>
</tr>
<tr>
<td>Low Sheen</td>
<td>EVERSHEILD (EVSH40)</td>
<td>SPARTASHIELD (SSHL40)</td>
</tr>
<tr>
<td>Semi-Gloss</td>
<td>EVERSHEILD (EVSH50)</td>
<td>SPARTASHIELD (SSHL50)</td>
</tr>
<tr>
<td>Gloss</td>
<td>EVERSHEILD (EVSH60)</td>
<td>SPARTASHIELD (SSHL60)</td>
</tr>
</tbody>
</table>
**SURFACE PREPARATION:**
- On previously painted surfaces, wash to remove dirt, grease, oil, mildew, and other contaminants.
- Sand glossy surfaces to provide a roughened surface or “tooth” for better adhesion.
- Scrape and sand peeled or blistered painted areas.
- Patch holes and cracks with a suitable patching material.
- When dry, sand patched areas lightly to a smooth finish.
- Mask and protect areas not being painted.
- Prime all bare areas and patched areas with a high-quality primer, such as **SUPER-LOC Premium (SLPR00)** or **ULTRA-GRIP Premium (UGPR00)**
- Fill and caulk all voids, seams, and joints.

**PAINTING TIPS:**
- Do not paint in direct sunlight.
- Paint within the ideal temperature range of 50° to 90° F.
- Pre-wet brushes and rollers in the appropriate solvent to improve paint application.

### RECOMMENDED PRIMER | BEST QUALITY WATER-BASED | MAINTENANCE WATER-BASED
--- | --- | ---
Unpainted | ULTRA-GRIP Premium (UGPR00) or SUPER-LOC Premium (SLPR00) | ULTRA-GRIP Select (UGSL00)
Previously painted with non-flat paint | ULTRA-GRIP Premium (UGPR00) | ULTRA-GRIP Select (UGSL00)
Previously painted with flat paint | Not Required (except on areas where paint has worn thin, peeled, or blistered) | Not Required (except on areas where paint has worn thin, peeled, or blistered)

### RECOMMENDED FINISH | BEST QUALITY WATER-BASED | MAINTENANCE WATER-BASED
--- | --- | ---
Gloss | EVERSHEILD (EVSH60) | SPARTASHIELD (SSHL60)
MAINTENANCE GUIDE: Exterior

Painted Wood
Plywood

Balconies & Decks  Fascia
Benches  Garage Doors & Door Jambs
Building & Address Numbers  Gazebos & Patio Covers
Buildings & Houses  Leasing Offices
Clubhouses & Pool Houses  Overhangs & Soffits
Detached Garages  Perimeter Walls
Entry Doors & Frames  T1-11 Siding
Entry Kiosks & Mailbox Kiosks

SURFACE PREPARATION:

- On previously painted surfaces, power wash, scrape, sand, patch, and prime exposed areas.
- Sand glossy surfaces to provide a roughened surface or “tooth” for better adhesion.
- Mask and protect areas not being painted.
- Surface must be dry and free of dirt, grease, and oil.
- Fill and caulk all voids, seams, and joints.

PAINTING TIPS:

- Do not paint in direct sunlight.
- Apply one or two coats of stain-blocking primer, such as EZ-PRIME Premium (EZPR00), over cedar, redwood, and other types of wood with high tannin content.
- Siding: use a roller cover to apply paint to siding. Roll the cover horizontally or vertically depending on how the siding is installed. Paint a five- to six-foot section on three to four siding pieces. Next, lay-off the painted section with a brush. Then, move to next section and repeat the process. Be sure to maintain a wet edge, so finish looks smooth and uniform.
- T1-11 Siding: use a long-nap roller to ensure paint is worked into wood surface. If paint is sprayed onto surface, back-rolling is recommended.
- Airless spraying is more effective for large areas, but be sure to protect surrounding surfaces from overspray in windy conditions.
- Pre-wet brushes and rollers in the appropriate solvent to improve paint application.

RECOMMENDED PRIMER  BEST QUALITY WATER-BASED  MAINTENANCE WATER-BASED
Unpainted  EZ-PRIME Premium (EZPR00)  EZ-PRIME Premium (EZPR00)
Previously painted with non-flat paint  ULTRA-GRIP Premium (UGPR00)  ULTRA-GRIP Select (UGSL00)
Previously painted with flat paint  Not Required  Not Required (except on areas where paint has worn thin, peeled, or blistered)

RECOMMENDED FINISH  BEST QUALITY WATER-BASED  MAINTENANCE WATER-BASED
Flat  EVERSHEILD (EVSH10)  SPARTASHIELD (SSHL10)
Velvet  EVERSHEILD (EVSH20)  SPARTASHIELD (SSHL20)
Eggshell  EVERSHEILD (EVSH30)  SPARTASHIELD (SSHL30)
Low Sheen  EVERSHEILD (EVSH40)  SPARTASHIELD (SSHL40)
Semi-Gloss  EVERSHEILD (EVSH50)  SPARTASHIELD (SSHL50)
Gloss  EVERSHEILD (EVSH60)  SPARTASHIELD (SSHL60)
SURFACE PREPARATION:
- On previously painted surfaces, power wash, scrape, sand, patch, and prime exposed areas.
- Sand glossy surfaces to provide a roughened surface or “tooth” for better adhesion.
- Mask and tape areas not being painted.
- Surface must be dry and free of dirt, grease, and oil.

PAINTING TIPS:
- After power washing, surfaces such as curbs should dry 1–3 days before painting.
- Do not apply coatings when air or surface temperature is below 50°F.
- Pre-wet brushes and rollers with the appropriate solvent to improve paint application.

<table>
<thead>
<tr>
<th>RECOMMENDED FINISH</th>
<th>BEST QUALITY WATER-BASED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat</td>
<td>VIN-L-STRIPE (VSZM10)</td>
</tr>
</tbody>
</table>
MAINTENANCE GUIDE: Exterior

Clear Finish Woods | Entry Doors & Frames

**SURFACE PREPARATION:**
- On previously varnished surfaces, power wash, scrape, sand, patch, and prime exposed areas.
- Sand glossy surfaces to provide a roughened surface or “tooth” for better adhesion.
- Mask and protect areas not being painted.
- Surfaces must be dry and free of dirt, sanding dust, grease, oils, wax, mildew, and other contaminants.
- Sand in between coats of spar varnish with fine sandpaper.

**PAINTING TIPS:**
- Do not paint in direct sunlight.
- Apply finish to all sides of doors to prevent water intrusion.
- Always hand-stir clear finishes; do not shake.
- Avoid over-brushing clear finishes to prevent bubbles in the finish.
- Allow adequate dry time before closing doors.
- Use best quality pure china bristle brushes with varnish or polyurethane.
- Pre-wet brushes and rollers with the appropriate solvent to improve paint application.
- Keep oil-based paints away from heat, sparks, and open flame.

<table>
<thead>
<tr>
<th>CLEAR FINISH</th>
<th>WATER-BASED</th>
<th>OIL-BASED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satin</td>
<td>DEFT-25901</td>
<td>Man-O-War MC80-6535</td>
</tr>
<tr>
<td>Semi-Gloss</td>
<td>DEFT-25801</td>
<td>Man-O-War MC80-6537</td>
</tr>
<tr>
<td>Gloss</td>
<td>DEFT-25701</td>
<td>Man-O-War MC80-6539</td>
</tr>
</tbody>
</table>