LOWE'S OF SAN CLEMENTE | HGTV HOME BY SHERWIN WILLIAMS | VALSPAR

Villagio I HOA Paint Colors

Paint Color Custodian and Product Specifications

Presented by:
Rick Sarkar

The Sherwin Williams Company Consumer Brands Group | Lowe's Business Unit | 714-287-5675 | Ritwick.sarkar@sherwin.com 1/22/2020

Available at:
Lowe's of San Clemente 907 Avenida Pico San Clemente, Ca 92673 949-369-4644

Hours: Monday- Saturday 6am- 9pm Sunday 7am-8pm

Villagio I
Paint Schemes

Thank you for taking pride and choosing to paint your home!

This Binder contains all of the information needed for painting your home.

Architectural approval is required when changing to one of the approved color schemes from the original exterior color of your home.

EXTERIOR PAINTING

1. Each scheme includes two basic colors, one above and one below the reveal lines, plus a contrasting color for the reveal line and other metal work.
2. The darker of the two colors will be used on the base (below reveal line) of the house, garage door, window trim and courtyard fence.
3. **White** can be used above the reveal line as a **substitute** for the color shown with the color scheme with approval of the ARC.
4. The reveal line, front gate, and balcony hardware are to be painted the same color.
5. Patio covers and gazebos are to be painted white or the same color as the top part (above reveal line) of your home.
6. For uniform purposes, the Board of Directors may determine the exterior paint color of the outside of rear fences on the perimeter of Calle Del Cerro, Via Espiritu, Via Otono, and Via Umbroso.
7. Front door colors are to be the same color as the reveal line or the base color of your home.
8. Screen and /or security front doors need ARC approval.
9. Please Keep from using the same colors as the houses on either side of you or across from you so we can maintain a look of variety in the community!
10. All Chimney Caps are to be painted with the option of the Rust color or the top color of the home.

SHERWIN-WILLIAMS.

Product Submittal

Villagio 1 HOA
Rancho San Clemente, CA

Dear Villagio 1 HOA,

Thank you for considering Sherwin-Williams & Valspar products for the project. Included in this package is the Sherwin-Williams and Valspar submittal for the above referenced project.

Should you require assistance or have any questions or concerns, please contact me at 714-287-5675 or e-mail me at ritwick.sarkar@sherwin.com.

Rick Sarkar
Sales Representative

714-287-5675
ritwick.sarkar@sherwin.com

Lowe's San Clemente

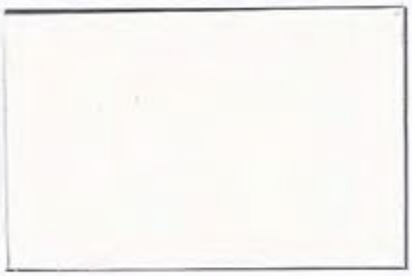
All Paints are Valspar & HGTV Home by Sherwin Williams

Paint Scheme #1

(Top Color)

Pam's Lace

7006-7



(Center Line/Door/Reveal)

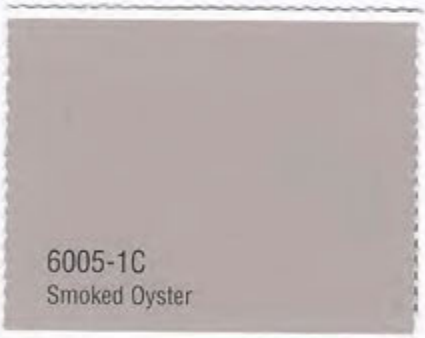
Sealskin

HGSW2451

(Bottom Color)

Smoked Oyster

6005-1C



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Scheme #2

(Top Color)

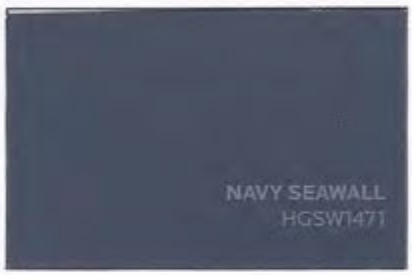
Mystique

7006-16

(Center Line/Door/Reveal)

Navy Seawall

HGSW1471



(Bottom Color)

Tempered Gray

4004-1A

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Scheme #3

(Top Color)

Swiss Coffee

7002-16

(Center Line/Door/Reveal)

Ocean Storm

4004-2B

(Bottom Color)

Gravity

4005-1B

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Scheme #4

(Top Color)

Lovely Bluff

3004-10C

(Center Line/Door/Reveal)

Jonquil

HGSW 1166

(Bottom Color & Planton-D)

Lariat Tan

3004-7B

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Paint Scheme #5

(Top Color)

Du Jour

7002-6

(Center Line/Door/Reveal)

Spring Spirits

5003-1C

(Bottom Color)

Sage Morsel

5005-1C

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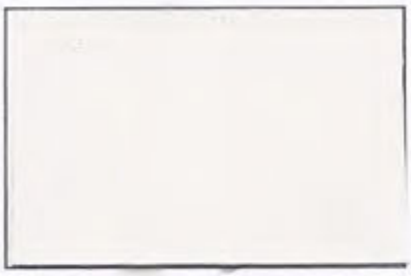
Paint Scheme #6

(Top Color)

Oyster Pearl

7002-2



(Center Line/Door/Reveal)

Natural Cork

2008-7A

(Bottom Color)

Linwood Sands

HGSW2506

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Paint Scheme #7

(Top Color)

Asiago

6005-1A

(Center Line/Door/Reveal)

Cornflower Blue

4008-4B

(Bottom Color)

Oregon Coast

6007-1C

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Paint Scheme #8

(Top Color)

Lifestyle Brown

HGSW3114

(Center Line/Door/Reveal)

Shutter Brown

2007-9A

(Bottom Color)

Universal Umber

3003-9B

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Paint Schemes # 9-11

Scheme #9

Top: Believable Buff

HGSW2187

Bottom: Lennox Hill Tan

HGSW3174

Scheme #10

Top: Milk Bloom

HGSW4034

Bottom: Oyster Bar

HGSW3507

Scheme #11

Top: Tangled Tan

HGSW3155

Bottom: Stone Manor

6006-2A

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Paint Schemes # 12-13

Scheme #12

Top: Vanillin

HGSW4038

Bottom: Wetland Clay

3007-10A

Scheme #13

Top: Favorite Tan

HGSW3215

Bottom: Winter Delta

3007-9B

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Accent color: Center Line/Door & Reveal

(A) Stone Manor

6006-2A

(B) Wetland Clay

3007-10A

(C) Believable Buff

HGSW2185

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Chimney Cap Approved for all Paint Schemes, Optional

Chimney Cap

Rare Sienna / 2010-7

[Use Valspar Duramax

Exterior Semi-Gloss]

All Paints are Valspar & HGTV Home by Sherwin Williams
Available at Lowe's Home Improvement

Paint Area Summaries

Scheme #1

Area	**Product**	**Substrate**	**# of Coats**	**Paint Color**
Exterior Walls	Valspar Exterior Primer	Stucco	1 Coat	*
Exterior Walls TOP	Valspar Duramax Flat	Stucco	2 Coats	Pam's Lace 7006-7
Center Line / Door / Reveal	Valspar Duramax Flat	Stucco	2 Coats	Smoked Oyster 6005-1C
Exterior Walls BOTTOM	Valspar Duramax Flat	Stucco	2 Coats	Seal Skin HGSW 2451

Scheme #2

Area	**Product**	**Substrate**	**# of Coats**	**Paint Color**
Exterior Walls	Valspar Exterior Primer	Stucco	1 Coat	*
Exterior Walls TOP	Valspar Duramax Flat	Stucco	2 Coats	Mystique 7006-16
Center Line / Door / Reveal	Valspar Duramax Flat	Stucco	2 Coats	Navy Seawall HGSW 1471
Exterior Walls BOTTOM	Valspar Duramax Flat	Stucco	2 Coats	Tempered Gray 4004-1A

Scheme #3

Area	**Product**	**Substrate**	**# of Coats**	**Paint Color**
Exterior Walls	Valspar Exterior Primer	Stucco	1 Coat	*
Exterior Walls TOP	Valspar Duramax Flat	Stucco	2 Coats	Swiss Coffee 7002-16
Center Line / Door / Reveal	Valspar Duramax Flat	Stucco	2 Coats	Ocean Storm 4004-2B
Exterior Walls BOTTOM	Valspar Duramax Flat	Stucco	2 Coats	Gravity 4005-1B

Scheme #4

Area	**Product**	**Substrate**	**# of Coats**	**Paint Color**
Exterior Walls	Valspar Exterior Primer	Stucco	1 Coat	*
Exterior Walls TOP	Valspar Duramax Flat	Stucco	2 Coats	Lovely Bluff 3004-10C
Center Line / Door / Reveal	Valspar Duramax Flat	Stucco	2 Coats	Jonquil HGSW 1166
Exterior Walls BOTTOM	Valspar Duramax Flat	Stucco	2 Coats	Lariat Tan 3004-7B

Scheme #5

Area	**Product**	**Substrate**	**# of Coats**	**Paint Color**
Exterior Walls	Valspar Exterior Primer	Stucco	1 Coat	*
Exterior Walls TOP	Valspar Duramax Flat	Stucco	2 Coats	Du Jour 7002-6
Center Line/Door/Reve	Valspar Duramax Flat	Stucco	2 Coats	Spring Sprits 5003-1C
Exterior Walls BOTTOM	Valspar Duramax Flat	Stucco	2 Coats	Sage Morsel 5005-1C

Scheme #6

Area	**Product**	**Substrate**	**# of Coats**	**Paint Color**
Exterior Walls	Valspar Exterior Primer	Stucco	1 Coat	*
Exterior Walls TOP	Valspar Duramax Flat	Stucco	2 Coats	Oyster Pearl 7002-2
Center Line/Door/Reve	Valspar Duramax Flat	Stucco	2 Coats	Natural Cork 2008-7A
Exterior Walls BOTTOM	Valspar Duramax Flat	Stucco	2 Coats	Linwood Sands HGSW 2506

Scheme #7

Area	Product	Substrate	# of Coats	Paint Color
Exterior Walls	Valspar Exterior Primer	Stucco	1 Coat	*
Exterior Walls TOP	Valspar Duramax Flat	Stucco	2 Coats	Asiago 6005-1A
Center Line/Door/Reve	Valspar Duramax Flat	Stucco	2 Coats	Cornflower Blue
Exterior Walls BOTTOM	Valspar Duramax Flat	Stucco	2 Coats	Oregon Coast 6007-1C

Scheme #8

Area	Product	Substrate	# of Coats	Paint Color
Exterior Walls	Valspar Exterior Primer	Stucco	1 Coat	*
Exterior Walls TOP	Valspar Duramax Flat	Stucco	2 Coats	Lifestyle Brown HGSW 3114
Center Line/Door/Reveal	Valspar Duramax Flat	Stucco	2 Coats	Shutter Brown 2007-9A
Exterior Walls BOTTOM	Valspar Duramax Flat	Stucco	2 Coats	Universal Umber 3003-9B

Scheme #9

Area	Product	Substrate	# of Coats	Paint Color
Exterior Walls	Valspar Exterior Primer	Stucco	1 Coat	*
Exterior Walls TOP	Valspar Duramax Flat	Stucco	2 Coats	Believable Buff HGSW 2187
Exterior Walls BOTTOM	Valspar Duramax Flat	Stucco	2 Coats	Lennox Hill Tan HGSW 3174

Scheme #10

Area	Product	Substrate	# of Coats	Paint Color
Exterior Walls	Valspar Exterior Primer	Stucco	1 Coat	*

Exterior Walls TOP	Valspar Duramax Flat	Stucco	2 Coats	Milk Bloom HGSW 4034
Exterior Walls BOTTOM	Valspar Duramax Flat	Stucco	2 Coats	Oyster Bar HGSW 3507

Scheme #11

Area	**Product**	**Substrate**	**# of Coats**	**Paint Color**
Exterior Walls	Valspar Exterior Primer	Stucco	1 Coat	*
Exterior Walls TOP	Valspar Duramax Flat	Stucco	2 Coats	Tangled Tan HGSW 3155
Exterior Walls BOTTOM	Valspar Duramax Flat	Stucco	2 Coats	Stone Manor 6006-2A

Scheme #12

Area	**Product**	**Substrate**	**# of Coats**	**Paint Color**
Exterior Walls	Valspar Exterior Primer	Stucco	1 Coat	*
Exterior Walls TOP	Valspar Duramax Flat	Stucco	2 Coats	Vanillin HGSW
Exterior Walls BOTTOM	Valspar Duramax Flat	Stucco	2 Coats	Wetland Clay 3007-10A

Scheme #13

Area	**Product**	**Substrate**	**# of Coats**	**Paint Color**
Exterior Walls	Valspar Exterior Primer	Stucco	1 Coat of Primer	*
Exterior Walls	Valspar Duramax Flat	Stucco	2 Coats	Favorite Tan HGSW 3215
Exterior Walls	Valspar Duramax Flat	Stucco	2 Coats	Winter Delta 3007-9B

Accent Colors: Center Line/ Door & Reveal

Area	**Product**	**Substrate**	**# of Coats**	**Paint Color**
Exterior Walls	Valspar Exterior Primer	Stucco	Primer	*
Exterior Walls	Valspar Duramax Flat	Stucco	2 Coats	Stone Manor 6006-2A
Exterior Walls	Valspar Duramax Flat	Stucco	2 Coats	Wetland Clay 3007-10A
Exterior Walls	Valspar Duramax Flat	Stucco	2 Coats	Believable Buff HGSW 2185

*Primer Coat can be made in White, Gray 1, Gray 2, or Gray 3 Depending on top coat color:

- Light and White Colors use **White Primer**
- Midtone Colors use **Gray 1** or **Gray 2** tinted **Primer**
- Dark Colors use a **Gray 3 tinted Primer**

Paint Reference Guide

SHERWIN-WILLIAMS.

Product Submittal

Villagio 1 Product Specifications

Presented By:
Ritwick Sarkar
Sales Representative

714-287-5675
ritwick.sarkar@sherwin.com

Lowe's San Clemente
907 Avenida Pico
San Clemente, CA 92673
(949) 369-4644

March 6, 2020

All Paints are Valspar & HGTV Home by Sherwin Williams
Available at Lowe's Home Improvement

Exterior Finishes

Stucco

Prime Coat: Valspar Exterior Primer
Location: Stucco Walls - Meets MPI #6
Product: Valspar Exterior Primer

Coat 1: Stucco Top Coat
Location: Stucco Exterior - Meets MPI #10
Product: Duramax Exterior Flat

Coat 2: Stucco Top Coat 2
Location: Stucco Exterior - Meets MPI #10
Product: Duramax Exterior Flat

Metal - Exterior

Primer: Valspar Bonding Primer
Location: Metal - Meets MPI #17
Product: Valspar Bonding Primer

Coat 1: Exterior Wood Top Coat 1
Location: Wood Trim - Meets MPI #10
Product: Valspar Duramax Semi- Gloss

Coat 2: Exterior Wood Top Coat 2
Location: Wood Trim - Meets MPI #10
Product: Valspar Duramax Semi- Gloss

Basic Surface Preparation

Coating performance is directly affected by surface preparation. Coating integrity and service life will be reduced because of improperly prepared surfaces. As high as 80% of all coating failures can be directly attributed to inadequate surface preparation that affects coating adhesion. Proper product selection, surface preparation, and application affect coating performance. Coating integrity and service life will be reduced because of improperly prepared surfaces. Selection and implementation of proper surface preparation ensures coating adhesion to the substrate and prolongs the service life of the coating system.

The majority of paintable surfaces are concrete, ferrous metal, galvanizing, wood and aluminum. They all require protection to keep them from deteriorating in aggressive environments. Selection of the proper method for surface preparation depends on the substrate, the environment, the coating selected, and the expected service life of the coating system. Economics, surface contamination, and the effect on the substrate will also influence the selection of surface preparation methods. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

Verify the existence of lead based paints on the project. Buildings constructed after 1978 are less likely to contain lead based paints. If lead based paints are suspected on the project, all removal must be done in accordance with the EPA Renovation, Repair and Painting and all applicable state and local regulations. State and local regulations may be more strict than those set under the federal regulations. Verify that Owner has completed a Hazardous Material Assessment Report for the project prior to issuing of Drawings. Concluding that no lead based paints were found on project site, delete paragraph regarding lead based paints.

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority. Removal must be done in accordance with EPA Renovation, Repair and Painting Rule and all related state and local regulations. Care should be taken to follow all state and local regulations which may be more strict than those set under the federal RRP Rule.

No exterior painting should be done immediately after a rain, during foggy weather, when rain is predicted, or when the temperature is below 50°F, unless the products to be used are designed to be used in those environments.

Aluminum – **S-W 1:** Remove all oil, grease, dirt, oxide and other foreign material by cleaning per SSPC-SP1, Solvent Cleaning.

Galvanized Metal – **S-W 10:** Allow to weather a minimum of 6 months prior to coating. Clean per SSPC-SP1 using detergent and water or a degreasing cleaner, then prime as required. When weathering is not possible or the surface has been treated with chromates or silicates, first Solvent Clean per SSPC-SP1 and apply a test area, priming as required. Allow the coating to dry at least one week before testing. If adhesion is poor, Brush Blast per SSPC-SP16 is necessary to remove these treatments.

SSPC-SP16 Brush-Off Blast Cleaning of Coated and Uncoated Galvanized Steel, Stainless Steels, and Non-Ferrous Metals: This standard covers the requirements for brush-off blast cleaning of uncoated or coated metal surfaces other than carbon steel by the use of abrasives. These requirements include visual verification of the end condition of the surface and materials and procedures necessary to achieve and verify the end condition. A brush-off blast cleaned non-ferrous metal surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, metal oxides (corrosion products), and other foreign matter. Intact, tightly adherent coating is permitted to remain. A coating is considered tightly adherent if it cannot be removed by lifting with a dull putty knife.

Stucco S-W 22 : Must be clean and free of any loose stucco. If recommended procedures for applying stucco are followed, and normal drying conditions prevail, the surface may be painted in 30 days. The pH of the surface should be between 6 and 9.

Wood—Exterior – S-W 23: Must be clean and dry. Prime and paint as soon as possible. Knots and pitch streaks must be scraped, sanded, and spot primed before a full priming coat is applied. Patch all nail holes and imperfections with a wood filler or putty and sand smooth. Caulk should be applied after priming.

Block (Cinder and Concrete) – S-W 3: Remove all loose mortar and foreign material. Surface must be free of laitance, concrete dust, dirt, form release agents, moisture curing membranes, loose cement, and hardeners. Concrete and mortar must be cured at least 28 days at 75°F. The pH of the surface should be between 6 and 9. On tilt-up and poured-in-place concrete, commercial detergents and abrasive blasting may be necessary to prepare the surface. Fill bug holes, air pockets, and other voids with a cement patching compound (per ASTMD4261).

Brick – S-W 4: Must be free of dirt, loose and excess mortar, and foreign material. All brick should be allowed to weather for at least one year followed by wire brushing to remove efflorescence. Treat the bare brick with one coat of Loxon Conditioner.

Concrete and Masonry – Concrete, Poured – Exterior or Interior– S-W 5: The preparation of new concrete surfaces is as important as the surface preparation of steel. The following precautions will help assure maximum performance of the coating system and satisfactory coating adhesion:

1. Cure – Concrete must be cured prior to coating. Cured is generally defined as concrete poured and aged at a material temperature of at least 75°F for at least 28 days unless specified products are designed for earlier application.

2. Moisture – Reference ASTM F1869-98 Moisture Test by use of Calcium Chloride or ASTM D4263 Plastic Sheet Method Concrete must be free from moisture as much as possible (it seldom falls below 15%). Vapor pressures, temperature, humidity, differentials, and hydrostatic pressures can cause coatings to prematurely fail. The source of moisture, if present, must be located, and the cause corrected prior to coating.

3. Temperature – Air, surface and material temperatures must be in keeping with requirements for the selected product during and after coating application, until coating iscured.

4. Contamination – Remove all grease, dirt, paint, oil, laitance, efflorescence, loose mortar, and cement by the recommendations listed in the surface preparationsection.

5. Surface Condition – Hollow areas, bug holes, voids, honeycombs, fin form marks, and all protrusions or rough edges are to be ground or stoned to provide a continuous surface of suitable texture for proper adhesion of the coating. Imperfections may require filling, as specified, with a recommended Sherwin-Williamsproduct.

6. Concrete Treatment – Hardeners, sealers, form release agents, curing compounds, and other concrete treatments should be removed to ensure adequate coating adhesion andperformance.

Methods of Surface Preparation on Concrete per SSPC-SP13/NACE 6 or ICRI 03732 Surface Cleaning Methods:
Vacuum cleaning, air blast cleaning, and water cleaning per ASTM D4258.
Used to remove dirt, loose material, and/or dust from concrete.
Detergent water cleaning and steam cleaning per ASTM D4258.
Used to remove oils and grease from concrete. Prior to abrasive cleaning, and after abrasive cleaning, surfaces should be cleaned by one of the methods described above.

Mechanical Surface Preparation Methods:
Dry abrasive blasting, wet abrasive blasting, vacuum assisted abrasive blasting, and centrifugal shot abrasive blasting per ASTM D4259. Used to remove contaminants, laitance, and weak concrete, to expose subsurface voids, and to produce a sound concrete surface with adequate profile and surface porosity.
High-pressure water cleaning or water jetting per SSPC-SP12-NACE5.
Used to remove contaminants, laitance, and weak concrete, to expose subsurface voids, and to produce a sound concrete surface with adequate profile and surface porosity.
Impact tool methods per ASTM D4259.
Used to remove existing coatings, laitance, and weak concrete. Methods include scarifying, planing, scabbling, and rotary peening. Impact tools may fracture concrete surfaces or cause microcracking requiring surface repair.
Power tool methods per ASTM D4259.
Used to remove existing coatings, laitance, weak concrete, and protrusions in concrete. Methods include circular grinding, sanding, and wire brushing. These methods may not produce the required surface profile to ensure adequate adhesion of subsequent coatings.

Chemical Surface Preparation Methods:
Acid etching per ASTM D4260. Use to remove some surface contaminants, laitance, and weak concrete, and to provide a surface profile on horizontal concrete surfaces. This method requires complete removal of all reaction products and pH testing to ensure neutralization of the acid. Not recommended for vertical surfaces. Etching with hydrochloric acid shall not be used where corrosion of metal in the concrete is likely to occur. Adequate ventilation and safety equipment required.
1. Clean surface per ASTMD4268
2. Wet surface with cleanwater
3. Etch with 10-15% muriatic acid solution at the rate of 1 gallon per 75 square feet

4. Scrub with stiff brush
5. Allow sufficient time for scrubbing and until bubbling stops
6. If no bubbling occurs, surface is contaminated. Refer to ASTM D4258 or ASTMD4259
7. Rinse surface two or three times. Remove acid/water each time.
8. Surface should a texture similar to medium grit sandpaper.
9. Neutralize surface with a 3% solution of tri-sodium phosphate and flush with clean water.
10. Allow to dry and check for excess moisture.

Touch-Up, Maintenance and Repair

For a protective coating system to provide maximum long-term protection, regularly scheduled maintenance is required. Maintenance includes inspection of painted areas, cleaning of surfaces to remove oils, chemicals, and other contaminants, and touch-up of areas where the coatings have been damaged. Highly corrosive areas, such as those subjected to frequent chemical spillage, corrosive fumes, and/or high abrasion or temperature areas should be inspected frequently – every six months, for example. Areas exposed to less severe conditions, such as interiors and exteriors of potable water tanks, may be inspected annually to assess the condition of the coating system.

The SSPC-VIS 2, Standard Method for Evaluating Degree of Rusting on Painted Steel Surfaces, can be used as a guide to determine appropriate touch-up and repairs maintenance schedules. Touch-up would be suggested when the surface resembles Rust Grade 5-S (Spot Rusting), 6-G (General Rusting), or 6-P (Pinpoint Rusting). Surface preparation would generally consist of SSPC-SP2, SP3, SP11, or SP12. Overcoating a well protected, but aged steel surface showing no evidence of rusting, may be achieved by Low Pressure Water Cleaning per SSPC-SP12/WJ4, and applying an appropriate coating system.

Full removal of the existing coating system by abrasive blasting would be recommended when the surface resembles Rust Grade 3-S (Spot Rusting), 4-G (General Rusting), or 4-P (Pinpoint Rusting). When the coating system has deteriorated to encompass approximately 33% of the surface area, it is always more economical to consider full removal and reapplication of the appropriate protective coating system.

Mildew –Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised.
Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach/water solution.

Cement Composition Siding/Panels – **S-W 6:** Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Pressure clean, if needed, with a minimum of 2100 psi pressure to remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, and peeling or defective coatings. Allow the surface to dry thoroughly. If the surface is new, test it for pH, many times the pH may be 10 or higher.

Composition Board (Hardboard) – **S-W 9:** Some composition boards may exude a waxy material that must be removed with a solvent prior to coating. Whether factory primed or unprimed, exterior composition board siding (hardboard) must be cleaned thoroughly and primed with an alkydprimer.

Copper – **S-W 7:** Remove all oil, grease, dirt, oxide and other foreign material by cleaning per SSPC-SP2, Hand Tool Cleaning.

Drywall—Interior and Exterior – **S-W 8:** Must be clean and dry. All nail heads must be set and spackled. Joints must be taped and covered with a joint compound. Spackled nail heads and tape joints must be sanded smooth and all dust removed prior to painting. Exterior surfaces must be spackled with exterior gradecompounds.

Plaster – **S-W 11:** Must be allowed to dry thoroughly for at least 30 days before painting. Room must be ventilated while drying; in cold, damp weather, rooms must be heated. Damaged areas must be repaired with an appropriate patching material. Bare plaster must be cured and hard. Textured, soft, porous, or powdery plaster should be treated with a solution of 1 pint household vinegar to 1 gallon of water. Repeat until the surface is hard, rinse with clear water and allow to dry.

Steel/Ferrous Metal Substrates

SSPC-SP1- Solvent Cleaning: Solvent cleaning is a method for removing all visible oil, grease, soil, drawing and cutting compounds, and other soluble contaminants. Solvent cleaning does not remove rust or mill scale. Change rags and cleaning solution frequently so that deposits of oil and grease are not spread over additional areas in the cleaning process. Be sure to allow adequate ventilation. Follow manufacturer's safety recommendations when using solvents. For complete instructions, refer to Steel Structures Paint Council Surface Preparation Specification No.1. (Refer to each products cleaning instructions. Many acrylic coatings will state; When cleaning the surface per SSPC-SP1, use only an emulsifying industrial detergent, followed by a water rinse. **Do not use hydrocarbon solvents for cleaning.)**

SSPC-SP2 - Hand Tool Cleaning: Hand Tool Cleaning removes all loose mill scale, loose rust, and other detrimental foreign matter. It is not intended that adherent mill scale, rust, and paint be removed by this process. Mil scale, rust, and paint are

considered adherent if they cannot be removed by lifting with a dull putty knife. Before hand tool cleaning, remove visible oil, grease, soluble welding residues, and salts by the methods outlined in SSPC-SP1. For complete instructions, refer to Steel Structures Paint Council Surface Preparation Specification No.2.

SSPC-SP3 - Power Tool Cleaning: Power Tool Cleaning removes all loose mill scale, loose rust, and other detrimental foreign matter. It is not intended that adherent mill scale, rust, and paint be removed by this process. Mil scale, rust, and paint are considered adherent if they cannot be removed by lifting with a dull putty knife. Before power tool cleaning, remove visible oil, grease, soluble welding residues, and salts by the methods outlined in SSPC-SP1. For complete instructions, refer to Steel Structures Paint Council Surface Preparation Specification No.3.

SSPC-SP5 / NACE 1 - White Metal Blast Cleaning: A White Metal Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products, and other foreign matter. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP 1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP5/ NACE No.1.

SSPC-SP6 / NACE 3 - Commercial Blast Cleaning: A Commercial Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products, and other foreign matter, except for staining. Staining shall be limited to no more than 33 percent of each square inch of surface area and may consist of light shadows, slight streaks, or minor discoloration caused by stains of rust, stains of mill scale, or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP 1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP6/NACE No.3.

SSPC-SP7 / NACE 4 - Brush-Off Blast Cleaning: A Brush-Off Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, loose mill scale, loose rust, and loose paint. Tightly adherent mill scale, rust, and paint may remain on the surface. Mil scale, rust, and coating are considered adherent if they cannot be removed by lifting with a dull putty knife. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP 1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP7/NACE No.4.

SSPC-SP10 / NACE 2 - Near-White Blast Cleaning: A Near White Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products, and other foreign matter, except for staining. Staining shall be limited to no more than 5 percent of each square inch of surface area and may consist of light shadows, slight streaks, or minor discoloration caused by stains of rust, stains of mill scale, or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP 1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPCSP10/ NACE No.2.

SSPC-SP11 - Power Tool Cleaning to Bare Metal: Metallic surfaces that are prepared according to this specification, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxide corrosion products, and other foreign matter. Slight residues of rust and paint may be left in the lower portions of pits if the original surface is pitted. Prior to power tool surface preparation, remove visible deposits of oil or grease by any of the methods specified in SSPC -SP 1, Solvent Cleaning, or other agreed upon methods. For complete instructions, refer to Steel Structures Paint Council Surface Preparation Specification No.11.

SSPC-SP12 / NACE 5 - Surface Preparation and Cleaning of Metals by Waterjetting Prior to Recoating: High- and Ultra -High Pressure Water Jetting for Steel and Other Hard Materials This standard provides requirements for the use of high- and ultra-high pressure water jetting to achieve various degrees of surface cleanliness. This standard is limited in scope to the use of water only, without the addition of solid particles in the stream. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP12/NACE No.5.

SSPC-SP13 / NACE 6 or ICRI 03732 - Surface Preparation of Concrete: This standard gives requirements for surface preparation of concrete by mechanical, chemical, or thermal methods prior to the application of bonded protective coating or lining systems. The requirements of this standard are applicable to all types of cementitious surfaces including cast-in-place concrete floors and walls, precast slabs, masonry walls and shotcrete surfaces. An acceptable prepared concrete surface should be free of contaminants, laitance, loosely adhering concrete, and dust, and should provide a dry, sound, uniform substrate suitable for the application of protective coating or lining systems. Depending upon the desired finish and system, a block filler may be required. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP13/NACE No.6 or ICRI 03732

SSPC-SP14 / NACE 8 – Industrial Blast Cleaning: This standard gives requirements for industrial blast cleaning of unpainted or painted steel surfaces by the use of abrasives. This joint standard allows defined quantities of mill scale and/or old coating to remain on the surface. An industrial blast cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dust, and dirt. Traces of tightly adherent mill scale, rust, and coating residue are permitted to remain on 10% of each unit area of the surface. The traces of mill scale, rust, and coating shall be considered tightly adherent if they cannot be lifted with a dull putty knife. Shadows, streaks, and discolorations caused by stains of rust, stains of mill scale, and stains of previously applied coating may be present on the remainder of the surface.

High- and Ultra-High Pressure Water Jetting for Steel and Other Hard Materials:
SSPC-SP WJ-1/NACE WJ-1: Clean to Bare Substrate (WJ-1) is intended to be similar to the degree of surface cleanliness of SSPC-SP 5/NACE 1, except that stains are permitted to remain on the surface. This standard is used when the objec-tive is to remove every trace of rust and other corrosion products, coating and mill scale.
SSPC-SP WJ-2/NACE WJ-2: Very Thorough Cleaning (WJ-2) is intended to be similar to the degree of surface cleanliness of SSPC-SP 10/NACE 2, except that tightly adherent material, rather than only stains, is permitted to remain on the surface. This standard is used when the objec-tive is to remove almost all rust and other corrosion products, coating, and mill scale.
SSPC-SP WJ-3/NACE WJ-3: Thorough Cleaning (WJ-3) is intended to be similar to the degree of surface cleanliness of SSPC-SP 10/NACE 2, except that tightly adherent material, rather than only stains, is permitted to remain on the surface. This standard is used when the objective is to remove much of the rust and other corrosion products, coating, and mil scale, leaving tightly adherent thin films.
SSPC-SP WJ-4/NACE WJ-4: Light Cleaning (WJ-4) is intended to be similar to the degree of surface cleanli-ness of SSPC-SP 10/NACE 2, except that tightly adherent material, rather than only stains, is permitted to remain on the surface. This standard is used when the objective is to allow as much of the tightly adherent rust and other corro-sion products, coating, and mill scale to remain as possible, Discoloration of the surface may be present.

Water Blasting NACE Standard RP-01-72: Removal of oil grease dirt, loose rust, loose mill scale, and loose paint by water at pressures of 2,000 to 2,500 psi at a flow of 4 to 14 gallons per minute.

Wood—Interior – S-W 24: All finishing lumber and flooring must be stored in dry, warm rooms to prevent absorption of moisture, shrinkage, and roughening of the wood. All surfaces must be sanded smooth, with the grain, never across it. Surface blemishes must be corrected and the area cleaned of dust before coating.

Vinyl Siding, Architectural Plastics, PVC & Fiberglass: – S-W 24: Clean the surface thoroughly by scrubbing with warm, soapy water. Rinse thoroughly, prime with appropriate white primer. Do not paint vinyl with any color darker than the original color. Do not paint vinyl with a color having a Light Reflective Value (LRV) of less than 56 unless VinylSafe® Colors are used. If VinylSafe® Colors are not used and darker colors lower than an LRV of 56 are, the vinyl may warp. Follow all painting guidelines of the vinyl manufacturer when painting. Only paint properly installed vinyl siding. Deviating from the manufacturer's painting guidelines may cause the warranty to be voided.

Previously Coated Surfaces – S-W 12: Maintenance painting will frequently not permit or require complete removal of all old coatings prior to repainting. However, all surface contamination such as oil, grease, loose paint, mill scale dirt, foreign matter, rust, mold, mildew, mortar, efflorescence, and sealers must be removed to assure sound bonding to the tightly adhering old paint. Glossy surfaces of old paint films must be clean and dull before repainting. Thorough washing with an abrasive cleanser will clean and dull in one operation, or, wash thoroughly and dull by sanding. Spot prime any bare areas with an appropriate primer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system. Check for compatibility by applying a test patch of the recommended coating system, covering at least 2 to 3 square feet. Allow to dry one week before testing adhesion per ASTM D3359. If the coating system is incompatible, complete removal is required per ASTM D4259.

Site Audit

The opinions and recommendations set forth herein are based on observations made by your Sherwin-Williams Representative and are limited to the conditions and circumstances at the time of the site visit. Such observations are subject to change based upon factors beyond the control of Sherwin-Williams and pertain to the product or products offered at the time of the report. Further testing and evaluation of the property may be necessary.

Product Data Pages

1. Valspar Duramax Exterior Latex Flat – For Top Coat, Use 2 coats for complete protection

2. Valspar Latex Exterior Primer – For Stucco and Wood, Use 1-2 Coats depending on substrate and color

3. Valspar Bonding Primer- For Metal areas, Use 1 coat for hard to adhere areas such as gutters and metal substrates, such as Chimney and Railings

valspar®

Valspar® Duramax® Exterior Latex Flat Paint

No. 74233 Series

GENERAL DESCRIPTION

Valspar® Duramax® High-Hiding Paint + Primer, with FlexShield365™ Technology, goes on thick to create an impervious bond that bridges and seals hairline cracks for worry-free weather protection that won't crack, peel or split, even in extreme climates.

PRODUCT FEATURES

- Maximum weather protection
- High-Hiding Paint + Primer
- FlexShield365™ Technology – Year-round resistance to cracking and peeling
- Remarkable coverage
- Mold, mildew & algae-resistant finish
- Low-temp application
- Excellent hiding
- Flexible finish won't crack or peel
- Excellent fade resistance
- Early resistance to moisture and dew
- Low odor, low VOC
- 100% acrylic latex
- Lifetime warranty

RECOMMENDED USES

Properly prepared exterior wood and metal siding and trim including hardboard, fiber cement board, vinyl, primed metal, shakes, brick, cement, cinder block and stucco. Do not use on glazed brick, floors or steps.

SHIPPING AND PACKAGING

Freight Classification: Paint or paint related material. Protect from freezing.

Packaging:

Gallon – 4 per carton
5 gallon pail

COMPOSITION

	Base and Fill Levels (oz./gal.)
Ultra White / Tint Base 1 (74233, 4832)	126
Tint Base 2 (74285, 5753)	124
Tint Base 4 (75206, 5853)	116

APPLICATION

Stir thoroughly and intermix multiple containers. Apply only when paint, surface and air temperatures are 35–90 °F (2–32 °C) during application and drying time. Do not paint if temperatures are expected to be below 35 °F (2 °C) within 48 hours of application or when heavy dew or precipitation is expected in the next 12 hours. These recommendations are a starting point only. Due to variability in sprayers, we recommend testing your spray pattern and flow before proceeding. Always paint back into freshly painted areas and end up at a door, window or outer edge. Move windows after 1 hour to prevent sticking.

Airless Spray:

Pressure: 2000 PSI
Tip: 0.017–0.021"

Brush: premium-quality polyester brush

Roller: premium quality polyester 3/8–1/2" nap

SYSTEM RECOMMENDATIONS

New Wood:
Prime with Duramax Exterior Latex Flat Paint
2 Coats: Duramax Exterior Latex Flat Paint

Previously Painted Surfaces:
Prime with Duramax Exterior Latex Flat Paint
1–2 Coats: Duramax Exterior Latex Flat Paint

Hardboard Siding:
Prime with Duramax Exterior Latex Flat Paint
1–2 Coats: Duramax Exterior Latex Flat Paint

Masonry, Concrete, Stucco, and Block:
Prime with Duramax Exterior Latex Flat Paint
1–2 Coats: Duramax Exterior Latex Flat Paint

New or Bare Metal:
1 Coat: Valspar® Armor Anti-Rust Primer
1–2 Coats: Duramax Exterior Latex Flat Paint

Aluminum and Vinyl Siding:
Prime with Duramax Exterior Latex Flat Paint
1–2 Coats: Duramax Exterior Latex Flat Paint

PRODUCT SPECIFICATIONS

Vehicle Type: Acrylic resin
Pigment Type: Titanium dioxide
Viscosity: 92–98 Krebs Units
Sheen: 1–7 Units 85° angle
Flashpoint: N/A
VOC (g/L): less than 50 g/L
Volume Solids: 37%
Weight Solids: 52%
Weight Per Gallon: 11.2 lbs./gal.
Practical Coverage: Covers approximately 300–400 sq. ft. per gallon (27–37 m^2 per 3.78 L) depending on surface porosity. Do not thin
Recommended Film Thickness:
4.5 mil Wet 1.8 mil Dry
Dry Time @ 77 °F and 50% Relative Humidity
To The Touch: 1 hour
Recoat: 4 hours
Dry time @ 35–45 °F (2–7 °C):
Dry to touch: 2 hours
Recoat: 24 hours
Application Temperature: 35–90 °F (2–32 °C)

CERTIFICATIONS

Current as of: 2/8/2015

MPI #	10
MPI GPS 1	Yes
MPI GPS 2	Yes
LEED (US)	No
LEED (Canada)	No

REGULATORY COMPLIANCE

Current as of: 2/8/2015

SCAQMD	Yes
CARB 2000 SCM	Yes
CARB 2007 SCM	Yes
OTC/LADCO	Yes
US National	Yes

CLEANUP AND DISPOSAL

Clean up with warm, soapy water. Do not freeze. Keep container closed when not in use. Do not transfer contents to other containers for storage or disposal. In case of spills, absorb with inert material such as sand or kitty litter. Dispose of empty container or unused portion in accordance with local, state and federal regulations.

valspar®

Valspar® Duramax® Exterior Latex Flat Paint

No. 74233 Series

SURFACE PREPARATION

General:
Read the Lead Warning paragraph. Thoroughly clean the surface and allow to dry. Remove all dirt, dust, chalk, rust, grease, wax and mildew.

Previously painted surfaces (including painted metal siding):
Scrape off loose and peeling paint, sand smooth, then spot prime. Thoroughly remove chalk by vigorous washing, then rinse. Remove gloss from shiny surfaces. Countersink nails and apply an oil-based metal primer to exposed nail heads. Caulk cracks and joints.

Bare wood:
For maximum performance, 2 coats of Valspar® Duramax are recommended.

Vinyl siding:
Wash thoroughly and allow to dry. Paint with a color lighter than original siding color. WARNING—Painting with darker colors will cause warping or deformation from heat absorption.

Hardboard siding (unprimed, primed or previously painted):
Remove any wax from bleed-through areas by wiping with rags soaked with mineral spirits. Turn rags often to avoid merely spreading wax around.

Masonry:
Brush loose sand, dust and other material from the surface.

Metal:
New galvanized surfaces should be allowed to age 6 months before painting.

New fiber cement board:
Wash thoroughly and allow to dry.

Clean mildew from the surface:
Mildew is a fungus that looks like dirt but won't wash off. Mildew must be removed before painting or it will grow through any new coat of paint. To remove mildew or suspected mildew, scrub house before painting with a commercial mildew remover or a solution of 1 part liquid chlorine bleach to 3 parts water. Rinse thoroughly. Avoid contact with skin and eyes. Protect skin and eyes by wearing rubber gloves and eye goggles when working with bleach solution.

LEAD WARNING

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

LIMITED WARRANTY

This product is warranted for your complete satisfaction for as long as you reside in your home. This warranty covers product that is applied to a properly prepared residential surface in accordance with label directions and excludes product failure due to deterioration of the underlying surface, structural defects or failure of previous product. If the product fails to perform to your satisfaction, return any unused portion to the store with proof-of-purchase and you will receive, as your sole remedy under this warranty, your choice of additional product of equal value or a full refund. THIS WARRANTY EXCLUDES LABOR OR THE COST OF LABOR FOR THE APPLICATION OF ANY PRODUCT AND EXCLUDES ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific rights, and you may also have other rights which vary from state to state.

CAUTIONS

WARNING! Contains Crystalline Silica. **KEEP OUT OF THE REACH OF CHILDREN.** May cause eye and skin irritation. **Use only with adequate ventilation.** Avoid breathing vapors, spray mist or sanding dust. If painting indoors, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness, or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. When sanding, wear a dust mask. Avoid contact with eyes and skin. Wash thoroughly after handling. Close container after each use. DO NOT TAKE INTERNALLY. Delayed effect from long-term exposure: Cancer hazard. Contains crystalline silica, which can cause cancer. Risk of cancer depends on duration and level of exposure to dust from sanding surfaces or spray mist. WARNING: This product contains a chemical known to the State of California to cause cancer. **First Aid: Eye Contact:** Immediately flush with plenty of water for at least 15 minutes. If irritation persists, get medical attention.* **If Inhaled:** If affected by inhalation of vapor or spray mist, move to fresh air. If breathing difficulty continues, get medical attention.* **If Swallowed:** Drink 2 glasses of water. Get medical attention immediately.*

*Call poison control center, hospital emergency room or physician immediately.

UCL 3.1

For additional safety and chronic health hazard information, refer to the Material Safety Data Sheet for this product.

EMERGENCY MEDICAL TELEPHONE:
1-888-345-5732

8725 W. Higgins Rd., Chicago, IL 60631
888.313.5569
valsparpaint.com
Revised: 2/8/15
Version: 74233A

valspar®

Valspar® Latex Exterior Primer

No. 165219 – Tintable White

GENERAL DESCRIPTION

Long lasting durability for a great exterior finish

Valspar® Latex Exterior primer is the ideal prime coat under all oil and latex house paints. It is formulated with 100% acrylic resin for excellent adhesion, long-lasting protection and resistance to peeling and blistering. Blocks tannin stains on redwood and cedar and gives a mildew resistant coating.

PRODUCT FEATURES

- Superior Adhesion
- Seals a variety of surfaces for better paint coverage
- Extends life of topcoat
- Gives mildew resistant coating
- Can be used on bare wood decks and porches to improve topcoat adhesion
- 100% acrylic resin reduces peeling with temperature fluctuations

RECOMMENDED USES

- Bare Wood siding and trim
- Painted Surfaces
- Vinyl
- Brick
- Concrete
- Cement and Cemetatious Siding
- Stucco
- Non-rusted Galvanized Gutters & Downspouts

SHIPPING AND PACKAGING

Freight Classification:
Paint or Paint Related Material. Protect from freezing.
UN #: NRPAIN
Packaging:
Gallon and Quart – 4 per carton
5-gallon pail
Case Weight: 48.0 lbs.

APPLICATORS

Airless Spray:
Pressure: 2000 PSI
Tip: 0.015 - 0.019"
Brush: Premium-quality polyester
Roller: Premium-quality roller, 3/8 - 1/2" nap

CLEANUP

Clean up with warm, soapy water.

TINTING

To assist in dramatic, wall color changes, tint with up to 4 oz. per gallon of Universal Tinting Colorants to a shade similar to desired top coat.

COMPOSITION

	Base and Fill Levels (oz./gal.)
Tintable White	128

PRODUCT SPECIFICATIONS

Vehicle Type: Acrylic Resin
Pigment Type: Titanium Dioxide
Viscosity: 96 - 102 Kreb Units
Gloss: 0 - 12 Units @ 60° angle
Flashpoint: 205 °F
VOC (g/L): Less than 50 g/L
VOC (lbs./gal.): 0.34
Volume Solids: 38%
Weight Solids: 53%
Weight Per Gallon: 11.0 lbs./gal.
Practical Coverage:
Up to 400 sq. ft./gal. (37.2 m^2) depending on surface porosity
Recommended Film Thickness:
4 mil Wet 1.5 mil Dry
Dry Time @ 77 °F and 50% Relative Humidity
To The Touch: 30 minutes
Recoat: 2 hours for latex top coats
Full Cure: Overnight for oil top coats
Application Temperature: 50 ° - 90 °F
Storage Temperature: 40 ° - 90 °F

CERTIFICATIONS

Current as of: 3/6/13

MPI #	6
MPI GPS 1	Yes
MPI GPS 2	Yes
LEED (US)	N/A
LEED (Canada)	N/A

REGULATORY COMPLIANCE

Current as of: 3/6/13

SCAQMD	Yes
CARB 2000 SCM	Yes
CARB 2007 SCM	Yes
OTC/LADCO	Yes
US National	Yes

All Paints are Valspar & HGTV Home by Sherwin Williams
Available at Lowe's Home Improvement

valspar®

Valspar® Latex Exterior Primer

No. 165219 – Tintable White

SURFACE PREPARATION

Thoroughly clean the surface and allow to dry. Remove all dirt, dust, chalk, rust, grease, wax and mildew. Scrape off loose and peeling paint, sand smooth, then spot prime. Thoroughly remove chalk by vigorously washing, then rinse. Remove gloss from shiny surfaces. Countersink nails and apply an oil-based metal primer to exposed nail heads. Caulk cracks and joints.

Wood:

Interior: Do not use.
Exterior: Remove sap from knots and sappy areas. Spot prime with a stain-blocking primer (Valspar® Latex Stain Blocking Primer) before priming entire area with this product.

Block/Concrete and Masonry:

Interior: Do not use.
Exterior: Power wash or scrub to remove loose concrete, laitance, efflorescence, mildew, dirt and dust. Allow concrete to cure 28 days and pH to drop below 10.

Mildew Stains:

All active mildew growth must be removed from the surface prior to application by scrubbing with a commercial mildew remover or a solution of 1 part liquid chlorine bleach to 3 parts water. Rinse thoroughly. Wear protective goggles and rubber gloves to avoid chemical contact with eyes and skin.

Metal:

New galvanized surfaces should be allowed to age 6 months before painting. All bare iron and steel surfaces should be primed with a rust-inhibitive metal primer.

Composition Board/Hardboard/Cement Composition Siding:

Wash thoroughly and allow to dry before priming.

Vinyl Siding/Aluminum Siding:

Surface should be clean, dry and free of contaminants. Power wash to remove chalk and mildew.

Stucco:

Power wash or scrub surface, with appropriate cleaners, to remove loose material, efflorescence, chalk and mildew. New stucco should be allowed to cure and pH should be below 10.

APPLICATION

Stir thoroughly before and occasionally during use. Apply when air and surface temperatures are between 50 ° - 90 °F (10 ° - 32 °C). Thin only for spray application with up to 8 oz. of water per gallon. Apply a liberal coat of primer uniformly, working well into the surface.

LEAD WARNING

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

CAUTIONS

WARNING! Contains Crystalline Silica. **KEEP OUT OF THE REACH OF CHILDREN.** May cause eye and skin irritation. USE ONLY WITH ADEQUATE VENTILATION. Avoid breathing vapors, spray mist or sanding dust. If painting indoors, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness, or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. When sanding, wear a dust mask. AVOID CONTACT WITH THE EYES AND SKIN. Wash thoroughly after use. Close container after each use. DO NOT TAKE INTERNALLY. Delayed effect from long-term exposure: Cancer Hazard. Contains crystalline silica, which can cause cancer. Risk depends upon duration and level of exposure to dust generated from sanding surfaces or spray mist. WARNING: This product contains a chemical known to the State of California to cause cancer. FIRST AID: EYE CONTACT: Flush thoroughly with water for at least 15 minutes. If irritation persists, get medical attention.* IF INHALED: If affected by vapor or spray mist, move to fresh air. If breathing difficulty continues, get medical attention.* IF SWALLOWED: Drink 2 glasses of water. Get medical attention immediately.*
*Call poison control center, hospital emergency room or physician immediately.

CL 3.3

For additional safety and chronic health hazard information, refer to the Material Safety Data Sheet for this product.

EMERGENCY MEDICAL TELEPHONE:
1-888-345-5732

This product contains less than 50 g/L VOC

1191 Wheeling Road, Wheeling, IL 60090
1.888.313.5569
valsparpaint.com
Revised: 3/6/13
Version: 46620A

Valspar® Int/Ext Stainblocking Bonding Primer Sealer

No. 46620 – Series

GENERAL DESCRIPTION

Valspar® Bonding Primer is a high-quality latex primer specially designed for the professional painter. This primer provides superior adhesion over glossy surfaces, drywall, cured plaster, masonry, wood, galvanized metal and aluminum. It also blocks stains from tannin bleed, knots, water damage, crayons and grease. Because it is sandable, it is a great enamel undercoater.

PRODUCT FEATURES

- Blocks stains
- Ultra adhesive
- Great hide
- Heavy-duty stainblocker
- Superior hide
- Seals glossy surfaces
- Improves top coat glide, adhesion and durability
- Ideal for tile, glass, metal, trim and cabinets
- Covers and seals wood knots
- Sandable for smooth finish
- Tintable for dramatic color changes
- Mildew-resistant

RECOMMENDED USES

Properly prepared interior and exterior glossy surfaces, including ceramic tile, cabinets, galvanized metal and aluminum.

SHIPPING AND PACKAGING

Freight Classification: Paint or paint related material. Protect from freezing

Packaging:

Gallon – 4 per carton
5 gallon pail (46892)

COMPOSITION

	Base and Fill Levels (oz./gal.)
High Hiding White	128

APPLICATION

Stir thoroughly. Intermix containers to ensure uniform color. Apply with a premium-quality roller, polyester brush or airless sprayer. If applying by spray, back-roll or back-brush to work product into the surface. Apply a liberal coat of product uniformly, working well into the surface.

Airless Spray:

Pressure**:** 2000 PSI
Tip**:** 0.015–0.021"

Brush: Premium-quality polyester

Roller: Premium-quality roller 3/8–1/2" nap

SYSTEM RECOMMENDATIONS

Drywall:
1 Coat: ValsparStainblockingBondingPrimerSealer

Plaster/Patching Compound:
1 Coat: ValsparStainblockingBondingPrimerSealer

Masonry/Brick:
1 Coat: ValsparStainblockingBondingPrimerSealer

Bare Wood:
1 Coat: ValsparStainblockingBondingPrimerSealer

Galvanized Metal and Aluminum:
1 Coat: ValsparStainblockingBondingPrimerSealer

Tile and Glass:
1 Coat: ValsparStainblockingBondingPrimerSealer

Previously Painted Surfaces:
1 Coat: ValsparStainblockingBondingPrimerSealer

Use 1–2 coats of appropriate Valspar® topcoat

PRODUCT SPECIFICATIONS

Vehicle Type: Styrene Acrylic Copolymer
Pigment Type: Titanium Dioxide
Viscosity: 98–104 Krebs Units
Gloss: 0–10 Units @ 60° angle
Flashpoint: N/A
VOC (g/L): < 50 g/L – 0.42 lb/gal as per 40 CFR 59.406
Volume Solids: 43%
Weight Solids: 60%
Weight Per Gallon: 11.8 lbs./gal.
Practical Coverage: Covers up to 400 sq. ft. per gallon (37 m^2 per 3.78 L) depending on surface porosity. Do not thin.
Tinting: To assist in dramatic, wall color changes, tint with up to 2 oz. per gallon of Universal Tinting Colorants to a shade similar to desired top coat.
Recommended Film Thickness:
4.0 mil Wet 1.7 mil Dry
Dry Time @ 77 °F and 50% Relative Humidity
To The Touch: 30–60 minutes
Recoat with latex topcoat: 2 hours
Recoat with oil topcoat: 4 hours
Application Temperature: 50–90 °F (10–32 °C)

CERTIFICATIONS

Current as of: 8/7/2017

MPI	17
MPI GPS 1	Yes
MPI GPS 2	Yes
LEED (US)	Yes
LEED (Canada)	Yes

REGULATORY COMPLIANCE

Current as of: 8/7/2017

SCAQMD	Yes
CARB 2000 SCM	Yes
CARB 2007 SCM	Yes
OTC/LADCO	Yes
US National	Yes

CLEANUP AND DISPOSAL

Clean up with warm, soapy water. Do not freeze. Keep container closed when not in use. Do not transfer contents to other containers for storage or disposal. In case of spills, absorb with inert material such as sand or kitty litter. Dispose of empty container or unused portion in accordance with local, state and federal regulations.

Valspar® Int/Ext Stainblocking Bonding Primer Sealer

No. 46620 – Series

SURFACE PREPARATION

General:
Read the Lead Warning paragraph. Thoroughly clean the surface and allow to dry. Remove all dirt, dust, chalk, rust, grease, wax and mildew. Scrape off loose and peeling paint. Thoroughly remove chalk by vigorous washing, then rinse. Bonds to clean, glossy surfaces. No need to remove gloss from shiny surfaces. Countersink nails and apply an oil-based metal primer to exposed nail heads. Caulk cracks and joints.

Clean mildew from the surface:
Mildew is a fungus that looks like dirt but won't wash off. Mildew must be removed before painting or it will grow through any new coat of paint. To remove mildew or suspected mildew, scrub house before painting with a commercial mildew remover or a solution of 1 part liquid chlorine bleach to 3 parts water. Rinse thoroughly. Avoid contact with skin and eyes. Protect skin and eyes by wearing rubber gloves and eye goggles when working with bleach solution.

Stains:
Most stains can be sealed in one coat; however, stubborn stains may require additional coats. Always test first in a small hidden area to determine actual sealing results. Spot priming stubborn stains may be required.

Bare Wood:
Remove sap from knots and sappy areas.

Masonry:
Brush loose sand, dust and other material from the surface.

Metal:
New galvanized surfaces should be allowed to age 6 months before painting. All bare iron and steel surfaces should be primed with a rust-inhibitive metal primer.

New fiber cement board:
Wash thoroughly and allow to dry before priming.

LEAD WARNING

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

LIMITED WARRANTY

This product is warranted to perform to your satisfaction at the time of application when applied to a properly prepared residential surface in accordance with the label directions and excludes failure due to deterioration of the underlying surface, structural defects or failure of previous product. If the product fails to perform to your satisfaction, return any unused portion to the store with proof-of-purchase and you will receive, as your sole remedy under this warranty, your choice of additional product of equal value or a full refund. THIS WARRANTY EXCLUDES LABOR OR THE COST OF LABOR FOR THE APPLICATION OF ANY PRODUCT AND EXCLUDES ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific rights, and you may also have other rights which vary from state to state.
CONTRACTOR AND COMMERCIAL CUSTOMERS: When used for commercial or nonresidential applications, this product is warranted to perform as indicated on the product label and to be free of material defects. At its option, Valspar® will replace or refund the original purchase price of this product if it does not perform as labeled or is proven to be defective. All other warranty terms above apply.

CAUTIONS

WARNING! Contains Crystalline Silica. **KEEP OUT OF THE REACH OF CHILDREN.** May cause eye and skin irritation. **Use only with adequate ventilation.** Avoid breathing vapors, spray mist or sanding dust. If painting indoors, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness, or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. When sanding, wear a dust mask. Avoid contact with eyes and skin. Wash thoroughly after handling. Close container after each use. DO NOT TAKE INTERNALLY. Delayed effect from long-term exposure: Cancer hazard. Contains crystalline silica, which can cause cancer. Risk of cancer depends on duration and level of exposure to dust from sanding surfaces or spray mist. WARNING: This product contains a chemical known to the State of California to cause cancer. **First Aid: Eye Contact:** Immediately flush with plenty of water for at least 15 minutes. If irritation persists, get medical attention.* **If Inhaled:** If affected by inhalation of vapor or spray mist, move to fresh air. If breathing difficulty continues, get medical attention.* **If Swallowed:** Drink 2 glasses of water. Get medical attention immediately.*
*Call poison control center, hospital emergency room or physician immediately.

UCL 3.1

For additional safety and chronic health hazard information, refer to the Material Safety Data Sheet for this product.

EMERGENCY MEDICAL TELEPHONE:
1-888-345-5732

8725 W. Higgins Rd., Chicago, IL 60631
888.313.5569
valsparpaint.com
Revised: 8/7/17
Version: 46620D