



5-year Warranty

EXTERIOR PAINT SPECIFICATION



**Costa Mesa Courtyard
1835 Newport Blvd
Costa Mesa, CA
June 17, 2018**

MANAGEMENT INFORMATION

Prepared For:	Vestar- Costa Mesa Courtyard
Property Manager:	Arian Maher
Phone:	714.259.9015
E-Mail:	AMaher@Vestar.com

BEHR REPRESENTATIVE INFORMATION

Behr Pro Representative:	Lori Flores
Phone:	909-248-5132
E-mail:	LorFlores@behrpaint.com

Project Scope

Scope of Work:	Complete preparation and repaint of Commercial property.
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Part I. General

1.01 General Conditions

- A. The Painting Contractor shall provide all paints, labor, tools, and supplies to perform a complete repaint of all exterior surfaces of the above project as specified in this document.
- B. The Contractor must perform all his functions and activities in compliance to established industry practices and in a manner to produce finished work of top quality appearance and durability.
- C. The Painting Contractor shall cooperate with the Costa Mesa Courtyard representative in every way, which shall include conducting the work to schedule (weather permitting) as agreed upon.
- D. Damage to existing property caused by the Painting Contractor shall be repaired to the satisfaction of **Costa Mesa Courtyard** Owners Representative at the Painting Contractor's expense.

1.02 Colors

- A. Final color selections will be provided by **Costa Mesa Courtyard** Owners Representative.
- B. The owner's representative must choose, approve, and sign-off all colors prior to application.
- C. Color Chips, Paint outs, and/or drawdowns of selected colors to be provided by the awarded contractor and signed off prior to commencement of work.
- D. If a color change is decided upon, the awarded contractor should be prepared to provide materials and labor free of charge for application of up to five gallons of paint for color selection. Additional samples will be at the discretion of the contractor and may be billed to the Project. Significant changes to existing colors or schemes typically result in additional coats being required to provide a finish with proper hide, uniformity and color representation. Prior to award of contract, a "mock-up" of the selected color scheme is recommended to determine the number of coats required to attain satisfactory results. Should additional coats be required, the Document must be amended to address the necessary changes.
- E. Unless otherwise specified, bids are to be submitted for a same or similar color re-paint. If a significant color change is decided upon, additional coats may be required at additional cost unless otherwise noted in this specification.
- F. After contract award, any revisions to established color schemes that necessitate additional coats are considered "extra work". Under these circumstances, a written "WORK CHANGE ORDER" by the owner confirming approval and acceptance of the additional work and expense must be issued before the Contractor can proceed and receive just compensation.

Part II. Materials and Handling

2.01 Materials

- A. Materials shall be pure, unadulterated, first quality and shall be delivered to the project in original unbroken packages bearing the makers name and brand number. All materials shall be from Behr Paint and can be obtained through Home Depot.
- B. Material shall comply with all current requirements of the Environmental Agency, the appropriate Air Pollution Control District, and all other local, state, or Federal agencies.
- C. Unless otherwise noted, all paint materials scheduled for use on this project shall be the products of Behr Paint and purchased through The Home Depot. Orders will be placed through the Behr Pro Sales Representative. Paint purchased at other retailers regardless of similarities may void warranties and is not permitted within this specification or scope of work.
- D. Returned material must be returned in salable condition. Material must not be tinted, container label must be in good condition (no paint splatter, tears, faded or worn), and paint container must not be rusted, dented, chipped or cracked.

2.02 Product Handling

- A. Paint mixing and thinning if necessary shall be according to the manufacturer's instruction. Any mixing required shall be done in the specified work and storage area. All mixing and/or thinning material such as paint thinners, tools, rags, and partially filled containers shall be returned to the storage area at the completion of each day's work.
- B. Materials in five-gallon containers shall be stacked no more than three-high and put in a categorized area as defined in 2.02 C.
- C. Onsite storage of equipment and/or materials to be approved through the owner or owner's representative prior to commencement of work. All storage must comply with local health and fire regulations.
- D. Disposal of all waste water and unused materials shall be in compliance with current A.Q.M.D. and local legal requirements and regulations.
- E. New federal regulations regarding lead safety are effective April 22, 2011. These regulations require "lead safe" work practices for remodeling, renovation, and painting activities, and were adopted by the U.S. Environmental Protection Agency (USEPA) as mandated by Congress. USEPA requires that at least one contractor (per job) working on a pre-1978 residential building or child-care facility is "certified". Businesses that renovate, remodel, and paint must be certified by USEPA. Bidding contractors to submit certification documentation with proposals for applicable projects.
- F. If the property is pre-1978, lead testing as required by law is to be conducted independently and as per current regulations at the expense of the property owner. If lead is found to be present, contractors are to revise all bids appropriately. Lead presence may significantly increase the cost of all previously submitted bids.
- G. Painting and preparation of any existing coatings or substrates containing lead to be conducted in full compliance with current regulations as defined by the U.S. Environmental Protection Agency (USEPA).

Part III. Execution

The awarded contractor shall execute all work in accordance with the specification, product label directions, and manufacturer's technical product data sheets. If applicable, please refer to section 3.05 for additional details regarding substrate conditions and notes and exhibits.

3.01 Scheduling of Work

- A. Painting Contractor shall coordinate the commencement of all work with **Costa Mesa Courtyard** Owners Representative so as not to cause inconvenience to the residents.
- B. Painting Contractor shall post notices in conspicuous places, at least three to five days in advance informing residents of the date that work will commence.
- C. A pre-commencement meeting is recommended to coordinate all details with painting contractor, owner/owners representative and any other contractor or vendor affected by work to be performed.

3.02 Condition of Surfaces

- A. Painting contractor to examine all surfaces. Any surfaces that are in question or that will affect the execution or quality of work must be brought to the attention of the property representative before painting commences.
- B. Thoroughly examine the specification at the site, in similar conditions under which work will be performed, before submitting a proposal. Clarify any questions or conditions with the property representative and the Behr Paint Representative prior to proposal submission. No allowance for lack of knowledge of obvious existing conditions will be made after bids have been accepted.
- C. Submittal of a bid or proposal by the contractor constitutes acknowledgement and acceptance of this document in its entirety unless so noted in the proposal.

3.03 Workmanship

- A. Provide best quality workmanship performed by skilled mechanics in compliance with this specification.
- B. Perform work under conditions best suited to the production of acceptable work and as per manufacturer recommendations.
- C. All work will be subject to approval by the property representative. Correct all work, which does not comply with the intent of the specification. Contractor will allow unrestricted access for inspection of work. After satisfactory completion of required provisions and subsequent approval granted by the owner/owners representative, the project is considered complete and subject to the terms of any guarantees and approved for final payment.
- D. Protect all adjacent areas and surfaces from damage from misplaced paint and preparation work. (I.e. automobiles, sidewalks, asphalt, concrete, plants, etc.)
- E. Protect all landscaping during the painting period. Coordinate with property representative for regulation of sprinkler and/or irrigation equipment during the painting process.
- F. Ensure that hardware is removed/protected before painting is started and replaced/uncovered when painting in that area is completed.
- G. When surfaces to receive paint come into contact with earthen areas, trench these areas to a depth of four inches. Thoroughly clean these surfaces from all dirt and grime prior to application of prime/finish coat systems. Replace trenched earth at completion of painting. Repair of substrates below weep screeds is excluded from this specification unless otherwise noted.
- H. Noise control: Coordinate with the property representative before using noisy, motorized equipment. The operation of noisy equipment is limited to normal working hours unless otherwise agreed upon before job commencement.
- I. Do not apply paint in rain, fog, mist, or when rain is imminent within 24 hours. Apply all specified materials when surface temperature is as recommended in manufacturer product data sheets.
- J. Immediately clean up all accidental spatters, spillage, and misplaced paint, and restore the affected surface to its original condition.
- K. Work area to be clean, orderly, and liability-free.
- L. The Painting Contractor shall take all necessary steps to protect the public and all property concerned.
- M. Coverage: the number of coats specified is the minimum number acceptable. If full coverage is not obtained with the specified number of coats, apply additional number of coats as necessary to produce the required finish.
- N. The property representative will coordinate to have all trimming or removal of trees and vegetation from on or around surfaces to be painted to allow for easy access of men and equipment prior to commencement of work.
- O. If applicable, the removal of patio furniture, barbeques, wall hangings, and personal property to be removed by the resident. Awarded contractor to notify resident of requirements with a minimum of three to five days notice.
- P. All previously painted surfaces and items not specifically listed that form a part, or are in connection with, the indicated work, shall be painted. Patch and repair as necessary to provide a sound substrate.
- Q. Clean-up: At completion of work each day, remove all materials, supplies, debris and rubbish caused by Painting Contractor and leave work spaces and paint storage areas in a clean, acceptable condition.
- R. Materials applied must be well adhered, properly feathered, with the proper opacity and film thickness, without runs, sags, holidays, pinholes, skips, unacceptable stroke marks or other defects as reasonable within industry standards. Paint coatings will be cut-in neatly around all edges, trim, and other areas of demarcation.

3.04 Surface Preparation

1. Prepare surfaces in an expert manner to produce completed work of a top quality appearance and durability.
2. All surfaces must be made free of contamination (dust, dirt, chalk, soot, salt spray, grease, oil, wax, mildew, etc.) that may adversely affect the adhesion of scheduled primers, sealants, patching compounds, paints, coatings, etc. Utilize the appropriate solvent/detergent solution to clean, remove, or neutralize surfaces so that they may readily receive repair, sealing, and coating materials.
3. When using chemicals/solvents to prepare surfaces, special care to be taken to insure all chemical/solvents used are completely removed from the substrate prior to application of prime/finish coat systems.
4. Whenever possible pressure wash surfaces to be painted utilizing appropriate PSI so as not to damage the substrate. Where pressure washing is not possible, legal, or practical, hand wash with biodegradable detergent and clean water, sponge, or broom clean these areas.
5. After surfaces have been cleaned and allowed to dry, remove any loose or peeling paint using hand tools or power tools in accordance with SSPC-SP2 (Hand Tool Cleaning) and SSPS-SP3 (Power Tool Cleaning) Methods. Feather-sand all repair edges and dust clean.
6. Excavate blisters in existing paint film, feather-sand edges and dust clean.
7. Thoroughly scuff-sand glossy areas scheduled for painting to insure proper adhesion, use a phosphate-free TSP solution or chemical de-glossers where necessary and permissible.
8. All repairs and or patching to be feathered/blended to match the adjacent substrate.
9. Remove any existing deteriorated patching/caulking materials and repair/replace as specified below.
10. It is the contractors' responsibility to determine if the surface/substrate is in sound condition prior to commencement of any work including but not limited to washing, preparation, painting, coating, or staining of any surface/substrate.

A. Metal Substrates:

1. Dust, dirt, rust, scale, oil/grease, contaminants, peeling or loose paint to be removed by high pressure power washing, scraping, sanding, hand/power tool scraping, and wire brushing as necessary to insure a clean sound substrate for application of prime/finish coat systems. Scrape and sand smooth all areas to receive finish.
2. De-gloss all glossy/slick surfaces prior to application of finish coat systems.
3. Remove all oils and or contamination from metal and etch substrates with appropriate cleaner/etcher/degreaser as per manufacturer recommendations, wash and rinse thoroughly prior to application of prime/finish coat systems.
4. All metal to be free of moisture prior to application of prime/finish coat systems.
5. Prime all bare metal within three hours of preparation. Top coat all primed areas immediately upon cure.

3.04 Surface Preparation (continued)

B. Masonry Substrates:

1. Prior to application of prime/finish coat systems provide a clean, sound surface free of dust, dirt, contaminants, and efflorescence by use of a high pressure power wash and hand scraping or use of mechanical grinders where necessary. Where excessive efflorescence is present, wash substrate with Behr 991 Concrete & Masonry Cleaner and Etcher as per manufacturer recommendations and rinse thoroughly until a pH neutral substrate is achieved.
2. Where mildew is present, remove by cleaning with Behr 990 Concrete & Masonry Cleaner and Degreaser as per manufacturer recommendations or with a solution of one part household bleach to three parts water shortly before painting. Cleaned areas to be thoroughly rinsed and allowed to dry completely prior to application of patching/caulking/prime/finish coat systems.
3. Multiple coats of paint that are in an advanced state of deterioration, and/or prior applications of cement based paint, must be removed by power wash, blasting or by use of mechanical grinder.
4. Large cracks 1/32 or larger to be beveled out prior to filling. Large cracks and holes may require repeated applications of patching materials to bring flush with adjacent substrate. A foam backer rod may be used if necessary. All repairs and caulking to be feathered in to blend with adjacent substrate.
5. Large holes in stucco/plaster/cement to be patched with appropriate patching material to match existing texture. Allow patched areas to cure to an acceptable Ph level prior to application of prime/finish coat systems. Large cracks in stucco/plaster/cement to be caulked with Dap Elastomeric Caulking or equivalent.

3.04 Surface Preparation (continued)

C. Wood Substrates:

1. Clean all surfaces from dirt, dust, contaminants, and loose, peeling paint prior to application of prime/finish coat systems by pressure wash. Care to be taken to use correct pressure so as not to score substrate.
 2. Scrape and sand smooth all areas to receive paint, sanding all remaining paint material to a feathered edge. Remove mildew with a solution of chlorine bleach, TSP, and water or Behr .
 3. All glossy or slick surfaces to be de-glossed by sanding or chemical de-glosser as necessary to insure best possible adhesion.
 4. Prime all raw wood areas as specified in section 4.01.
 5. Fill holes, cracks, and imperfections as specified during bid process, repeated application of patching/caulking materials may be necessary to bring repaired areas flush with adjacent substrate. Caulk with Dap Elastomeric Caulking /Home Depot SKU#284697
 6. Raw wood areas to be primed prior to patching/caulking, re-prime patched/caulked areas after repairs are fully cured.
 7. If wood repair is to be performed in addition to the painting contract, awarded contractor to full prime all six sides of any new wood as defined in the Finish Schedule prior to installation to insure best possible performance. The repair of dry-rotted, delaminating, moisture, or termite damaged wood or compositional wood surfaces and the treatment of nails rendered ineffective and unstable due to extensive corrosion is not included in this scope of work. Repair to these areas should be completed prior to painting by a properly licensed contractor to insure the integrity of new coating systems.
 8. All wood substrates to have no more than 12% moisture content prior to application of prime/finish coat systems.
 9. When painting substrates subject to excessive tannin bleed such as redwood or cedar, prime as specified and apply additional primer as necessary to insure complete hold out prior to application of finish coat systems.
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Part IV. Finish Schedule

4.01 Paint Finish Schedule

- A. Finish surfaces in accordance with the following procedure(s) for the surface and finish desired.
- B. All products to be applied according to their recommended mils of wet film (WFT) and dry film (DTF) thickness to achieve full color coverage. Refer to product Technical Data Sheets (TDS).
- C. Product names and numbers refer to products manufactured and/or distributed by Behr Paint through The Home Depot with no substitutions, unless otherwise noted or amended in writing.
- D. Refer to Preparation Section 3.04 Preparation and 4.02 Substrate Checklists for additional information regarding the scope of work to be performed and required preparation.
- E. All paint products for this project must be ordered from Behr Paint through the Behr Pro Sales Representative. Materials also may be purchased at Home Depot.

Wood Areas Flat Finish	
Trellis	
Prime System	
Spot Prime	Behr Premium Plus Primer 436 (5 mils per wet coat)
Paint System	
Finish Coat (Full Coverage)	e510 Series Behr Pro Exterior Flat (5 Mils per wet coat)

Masonry Areas Flat Finish	
Building Walls and Trash Enclosure (All sides)	
Prime System	
Spot Prime:	Behr Premium Plus Primer 436 or L2201 Kilz Klear (5 mils per wet coat)
Paint System	
Finish Coat (Full Coverage):	e510 Series Behr Pro Exterior Flat (5 mils per wet coat)

Metal Areas Flat Finish (Match Adjacent)	
Cable/Wire Housing, Drip Flashing, Natural Gas Meters (Mask Glass)	
Prime System	
Pre-Spot Prime:	Rustoleum Rusty Metal Primer (5 miles per wet coat)
Spot Prime :	Behr Premium Plus Ext. Primer 436 or L2201 Kilz Klear (5 mils per wet coat)
Paint System	
Finish Coat (Full Coverage)	e510 Series Behr Pro Exterior Flat (5 mils per wet coat)

Metal Areas Semi-Gloss Finish	
Trash Enclosure Ceilings	
Prime System	
Pre-Spot Prime:	Rustoleum Rusty Metal Primer (5 mils per wet coat)
Paint System	
Finish Coat (Full Coverage):	Behr Alkyd Semi-Gloss 3900 (5 mils per wet coat)

3.05 PAINT FINISH SCHEDULE (CONTINUED)

Metal Areas Satin Finish	
Awning, Decorative Siding and Metal Roof	
Prime System	
Spot Prime:	Behr Premium Plus Ext. Primer 436 (5 miles per wet coat)
Paint System	
Finish Coat (Full Coverage)	Behr Alkyd Satin 7900 (5 miles per wet coat)

Metal Areas Semi-gloss Finish	
Bumper Poles (Safety Yellow), Decorative Wall Mounted Light Fixtures, Mailboxes, Patio Railings at the Restaurants, Roll-up/Lift Doors, Steel Pipe Railings, Storage/Unity Closet Doors (Sand/Degloss, Remove & Replace Decals, Letters/Numbers) , Trash Enclosure Gates/Frames and Wrought Iron Expandable Security Gate	
Prime System	
Spot Prime:	Behr Premium Plus Ext. Primer 436 (5 miles per wet coat)
Paint System	
Finish Coat (Full Coverage)	Behr Alkyd Semi-Gloss 3900 (5 miles per wet coat)

4.02 Substrate Checklists

MASONRY SUBSTRATES CHECKLIST				
DESCRIPTION	INCLUDE	EXCLUDE	N/A	NOTES
Stucco Building Walls	Yes			
Stucco/Concrete (Trash Enclosure)	Yes			

WOOD SUBSTRATES CHECKLIST				
DESCRIPTION	INCLUDE	EXCLUDE	N/A	NOTES
Trellis	Yes			

METAL SUBSTRATES CHECKLIST				
DESCRIPTION	INCLUDE	EXCLUDE	N/A	NOTES
Awnings	Yes			Canvas or Metal
Bumper Poles/Pipe Bollards	Yes			Safety Yellow
Cable Wire Housing	Yes			Match Adjacent
Decorative Siding	Yes			
Decorative Wall Mounted Light Fixtures	Yes			
Drip Flashing	Yes			Full Prime if Factory Finish/Match Adjacent
Mailboxes	Yes			
Metal Roof	Yes			
Mansard Roofs	Yes			
Natural Gas Meters	Yes			
Patio Railing at Restaurant	Yes			
Roll-up/Lift Doors	Yes			Match Adjacent
Steel Pipe Railing	Yes			
Storage/Utility Closet Doors	Yes			Sand/Degloss remove & Replace Decals, Letters & Numbers
Trash Enclosure Gates/ Frames	Yes			
Wall Mount Light Fixtures		No		Mask Off
Window/Store Front Mullions		No		
Wrought Iron Expandable Security Gate		Yes		

Bidding Contractors, in response to the Property Owner / Representative, bids are to be submitted and broke down as follows. This form must be completed in its entirety. All bids to be for similar color repaint unless otherwise noted in this specification. If a significant color change is decided upon, additional coats may be required at additional cost.

ITEM #	SCOPE -	COST
1	Complete preparation and repaint per specifications 28 (24 ft), 60(10 ft), & 6 (12 ft) parking lot poles (excluding concrete base) spot prime with Behr DTM Metal Prime and finish coat (full coverage) Behr 3900 Semi-Gloss.	<hr/> \$ per pole
ITEM #	SCOPE -	COST
2	Complete preparation and repaint per specifications of decorative metal foliage grids spot prime with DTM Metal Prime and finish coat (full coverage) Behr 3900Semi-Gloss.	

ESTIMATED DAYS TO COMPLETION (WEATHER PERMITTING)

BID PRICES EFFECTIVE UNTIL (DAY / MONTH / YEAR)

I have read the entire specification as set forth and agree to abide and follow the specification with no alterations or substitutions unless otherwise agreed upon in writing with the manufacturers consent. All material to be purchased through Behr Paint and applied as per manufacturer recommendation.

Company Name – Contractor / Estimator Signature / Date



Part V. Bid Submittal

5.02 Bidding and Proposal Contractor Checklist

BIDDING CONTRACTORS TO SUBMIT THE FOLLOWING INFORMATION UPON REQUEST	
Item	
Copy of current contractor license in compliance with the work to be performed	
Valid contractors bond declaration	
Proof of current workers compensation coverage	
Proof of general liability insurance (minimum \$1,000,000)	
Declaration of motor vehicle insurance in compliance with the laws in the state of California	
References	
List of completed or in-progress projects similar to the bidding project	
Copy of lead certification as required on pre-1978 buildings painting after April 22, 2011	
If applicable, a list of subcontractor(s) intended for use on this project including the credentials validating their qualifications.	
BIDDING CONTRACTORS TO SUBMIT THE FOLLOWING INFORMATION WITH ALL PROPOSALS	
✓	Item
	Signed and Completed "Itemized Bid Sheet" contained in this specification
	Submit all bids to Arian Maher at Vestar

5.03 Bidding and Proposal Contractor Checklist

ITEMIZED BID SHEET (TO BE COMPLETED AND SUBMITTED WITH ALL BIDS)

Bidding Contractors, in response to the Property Owner/Representative, bids are to be submitted and broken down as follows. This form must be completed in its entirety. **A color change is anticipated but for bidding purposes all bids to be for one coat coverage unless otherwise noted in this specification.** Once final color selections are made a paint out should be performed. If a significant color change is decided upon, additional coats may be required at additional cost.

ITEM#	SCOPE	BID
1	Complete preparation and repaint of wood, masonry and metal substrates.	

ESTIMATED DAYS TO COMPLETION (WEATHER PERMITTING)	BID PRICES EFFECTIVE UNTIL (DAY/MONTH/YEAR)

CONTRACTOR WARRANTY		
WOOD	MASONRY	METAL

I have read the entire specification as set forth and agree to abide and follow the specification with no alterations or substitutions unless otherwise agreed upon in writing with the manufacturers consent. All coating materials to be Behr/Kilz Paint unless otherwise noted in this specification. All materials to be applied as per manufacturer recommendations, refer to TDS & MSDS at www.behrpro.com for additional information.

Contractor/Estimator Signature/Date

End of Section





Alkyd Semi-Gloss Enamel

- Professional Quality Interior/Exterior Semi-Gloss Finish
- Excellent Flow & Leveling
- Less Odor than Oil-base Paint
- Easy Water Clean-up
- Durable Hard Finish
- Easy Stain Removal
- Mildew Resistant Finish

NO. 3900 White
NO. 3940 Medium Base
NO. 3930 Deep Base



2 Coats Recommended
for Optimal Durability



Spread Rate:
Rough 350-400 Sq. Ft.
Smooth 500-550 Sq. Ft.



Dry Time:
2-4 Hr. Dry to Touch
4-8 Hr. Recoat



Soap & Water
Clean-Up

WHITE BASE: READY TO USE OR ADD TINTING COLORANTS.

MEDIUM & DEEP BASE: DO NOT USE WITHOUT THE ADDITION OF TINTING COLORANTS.

WHERE TO USE

Properly prepared Interior/Exterior metal & wood surfaces. Ideal for Doors, Trim, Molding, Cabinetry, Plaster, Masonry, Cinder Block, Well-bonded Wallpaper, Brick, Stucco, Aluminum and Wrought Iron.

Do not use on horizontal surfaces subject to foot traffic.

PREPARATION†

(Proper surface preparation is required.) Allow new stucco, plaster and masonry to cure for 30 days. For interior and exterior surfaces, remove dirt, oil and grease stains with a product such as BEHR PREMIUM® NO. 990 Concrete & Masonry Degreaser & Cleaner. Remove mildew stains with a mildew stain removing product. Remove all loose and peeling paint; scuff sand glossy surfaces; caulk; repair imperfections and sand smooth. For exterior surfaces, power wash to remove chalk. Etch galvanized metal with a product such as BEHR PREMIUM NO. 991 Concrete & Masonry Cleaner & Etcher. Follow all label instructions.

PRIME

Interior: On interior surfaces with heavy stains, galvanized metal or wrought iron, use a product such as BEHR PREMIUM PLUS® NO. 75 Stain-Blocking Primer & Sealer. **Exterior:** On exterior surfaces with heavy stains, wood or metal, use a product such as BEHR PREMIUM PLUS NO. 436 Multi-Surface Primer & Sealer. Follow all label instructions.

APPLICATION

DO NOT THIN. Stir before and during application. When working with more than one can of the same product, intermix to ensure color uniformity. Use adequate ventilation during application and drying

process. Certain colors may require 2 or more coats to achieve complete hide and coverage. Use product when air and surface temperatures are 50-90°F (10-32°C). Apply a thin coat using a high quality synthetic brush, 1/4"-3/8" nap roller or an airless sprayer (.013"- .017" spray tip). NOTE: If touch-up is necessary, same application method is recommended.

DRY TIME

Longer dry time required in cooler temperatures and higher humidity. Wait at least 7 days before rinsing or cleaning the surface with a mild, non-abrasive detergent.

DISPOSAL

Properly dispose of all soiled rags. For disposal of empty containers and unused product, contact your household refuse collection service.

† **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.

WARNING! Sanding or scraping pressure treated lumber may be hazardous; wear appropriate protection.

*LIMITED WARRANTY

Behr Process Corporation warrants that this product meets Behr's manufacturing specifications. If this product does not meet these specifications, Behr Process Corporation will, at its option and upon proof of purchase, either furnish an equivalent amount of new product to you or refund the purchase price of this product. **This guarantee excludes (1) labor and costs of labor for application or removal of any product; or (2) any incidental or consequential damages, whether based on breach of express or implied warranty, negligence, strict liability or any other legal theory.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

To consult with a Behr Certified Coatings Professional, call 1-800-854-0133 Ext. 2 (U.S.A. only).

BEHR
A Masco Company

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V.O.C. <50 g/L • REV. 4/12

WARNING! This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.

WARNING! IRRITANT! HARMFUL IF SWALLOWED. CONTAINS: ETHYLENE GLYCOL. MAY CAUSE EYE, NOSE AND THROAT IRRITATION. AVOID CONTACT WITH SKIN AND EYES AND AVOID BREATHING OF VAPORS AND SPRAY MIST. WEAR EYE PROTECTION AND PROTECTIVE CLOTHING. USE ONLY WITH ADEQUATE VENTILATION. To avoid breathing vapors and spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air. If properly used, a respirator (NIOSH approved for organic vapor with P series particulate pre-filter) may offer additional protection; obtain professional advice before using. A dust mask does not provide protection against vapors. Avoid contact with eyes and skin. Wash thoroughly after handling. Close container after each use. **FIRST AID:** If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately.

CAUTION: KEEP OUT OF REACH OF CHILDREN - DO NOT TAKE INTERNALLY.



Alkyd Satin Enamel

- Professional Quality Interior/Exterior Semi-Gloss Finish
- Excellent Flow & Leveling
- Less Odor than Oil-base Paint
- Easy Water Clean-up
- Durable Hard Finish
- Easy Stain Removal
- Mildew Resistant Finish

NO. 7900 White
NO. 7930 Deep Base



2 Coats Recommended
for Optimal Durability



Spread Rate:
Rough 350-400 Sq. Ft.
Smooth 500-550 Sq. Ft.



Dry Time:
2-4 Hr. Dry to Touch
4-8 Hr. Recoat



Soap & Water
Clean-Up

WHITE BASE: READY TO USE OR ADD TINTING COLORANTS.

MEDIUM & DEEP BASE: DO NOT USE WITHOUT THE ADDITION OF TINTING COLORANTS.

WHERE TO USE

Properly prepared Interior/Exterior metal & wood surfaces. Ideal for Doors, Trim, Molding, Cabinetry, Plaster, Masonry, Cinder Block, Well-bonded Wallpaper, Brick, Stucco, Aluminum and Wrought Iron.

Do not use on horizontal surfaces subject to foot traffic.

PREPARATION†

(Proper surface preparation is required.) Allow new stucco, plaster and masonry to cure for 30 days. For interior and exterior surfaces, remove dirt, oil and grease stains with a Concrete & Masonry Degreaser & Cleaner. Remove mildew stains with a mildew stain removing product. Remove all loose and peeling paint; scuff sand glossy surfaces; caulk; repair imperfections and sand smooth. For exterior surfaces, power wash to remove chalk. Etch galvanized metal with a Cleaner & Etcher. Follow all label instructions.

PRIME

Interior: On interior surfaces with heavy stains, galvanized metal or wrought iron, use a product such as BEHR PREMIUM PLUS® NO. 75 Stain-Blocking Primer & Sealer. **Exterior:** On exterior surfaces with heavy stains, wood or metal, use a product such as BEHR PREMIUM PLUS NO. 436 Multi-Surface Primer & Sealer. Follow all label instructions.

APPLICATION

DO NOT THIN. Stir before and during application. When working with more than one can of the same product, intermix to ensure color uniformity. Use adequate ventilation during application and drying process. Certain colors may require 2 or more coats to achieve complete hide and coverage. Use product when air and surface

temperatures are 50-90°F (10-32°C). Apply a thin coat using a high quality synthetic brush, 1/4"-3/8" nap roller or an airless sprayer (.013"-.017" spray tip 60 mesh filter). NOTE: If touch-up is necessary, same application method is recommended.

DRY TIME

Longer dry time required in cooler temperatures and higher humidity. Wait at least 7 days before rinsing or cleaning the surface with a mild, non-abrasive detergent.

DISPOSAL

Properly dispose of all soiled rags. For disposal of empty containers and unused product, contact your household refuse collection service.

† **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.

WARNING! Sanding or scraping pressure treated lumber may be hazardous; wear appropriate protection.

WARNING! This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.

CAUTION IRRITANT HARMFUL IF SWALLOWED. CONTAINS: ETHYLENE GLYCOL. MAY CAUSE EYE, NOSE AND THROAT IRRITATION. AVOID CONTACT WITH SKIN AND EYES AND AVOID BREATHING OF VAPORS AND SPRAY MIST. WEAR EYE PROTECTION AND PROTECTIVE CLOTHING. USE ONLY WITH ADEQUATE VENTILATION. To avoid breathing vapors and spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air. If properly used, a respirator (NIOSH approved for organic vapor with P series particulate pre-filter) may offer additional protection; obtain professional advice before using. A dust mask does not provide protection against vapors. Avoid contact with eyes and skin. Wash thoroughly after handling. Close container after each use. **FIRST AID:** If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately.

CAUTION: KEEP OUT OF REACH OF CHILDREN - DO NOT TAKE INTERNALLY.

*LIMITED WARRANTY

Behr Process Corporation warrants that this product meets Behr's manufacturing specifications. If this product does not meet these specifications, Behr Process Corporation will, at its option and upon proof of purchase, either furnish an equivalent amount of new product to you or refund the purchase price of this product. **This guarantee excludes (1) labor and costs of labor for application or removal of any product; or (2) any incidental or consequential damages, whether based on breach of express or implied warranty, negligence, strict liability or any other legal theory.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

To consult with a Behr Certified Coatings Professional, call 1-800-854-0133 Ext. 2 (U.S.A. only).

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V.O.C. <50 g/L • REV. 1/17



e500 EXTERIOR FLAT PAINT
NO. 510 WHITE BASE



PRODUCT INFORMATION

BEHR PRO® e500 Exterior Flat Paint is a professional-grade 100% acrylic exterior paint that provides good hide and durability and can be applied down to surface and air temperatures of 35°F. Not for use on floors.

RECOMMENDED USES:

Ideal for use on new homes, multi-family residences, and commercial buildings over properly prepared:

- Stucco
- Masonry
- Concrete
- Concrete Block/CMU
- Wood
- Ferrous Metals
- Non-Ferrous Metals

PRODUCT SPECIFICATIONS:

Tint Bases/Max Tint Load:

- No. PR510 White Base 620 oz. / 30 oz.
- No. PR514 Medium Base 585 oz. / 65 oz.
- No. PR513 Deep Base 580 oz. / 70 oz.

Sheen: 0-3 @ 85°

Resin Type: 100% Acrylic

Weight per Gallon: 10.62 lbs.

% Solids by Volume: 30 ± 2%

% Solids by Weight: 43 ± 2%

VOC: <50 g/L

Flash Point: N/A

Viscosity: 95-105 KU

Recommended Film Thickness:

- Wet: 6.3 mils; Dry: 1.9 mils @ 250 Sq. Ft./Gal.
- Wet: 4.0 mils; Dry: 1.2 mils @ 400 Sq. Ft./Gal.

Coverage: 250-400 Sq. Ft./Gal., depending on the surface texture, porosity and application method. Does not include the loss of material from spraying. Film thickness depends on porosity and various substrate irregularities.

APPLICATION:

Brush: Nylon/polyester

Roller:

- Smooth Surfaces:** 3/8"-1/2" nap
- Porous Surfaces:** 1/2"-3/4" nap

Airless Spray: Fluid pressure of 1,500 - 2,200 psi

Tip: .015" - .021"

Filter: 60 mesh

Thinning: Not recommended. Product is formulated for use at package consistency only.

Dry Time: 77°F (25°C), 50% RH:
Longer dry time may be required in cooler temperatures and higher humidity.

- To Touch:** 2 hours
- To Recoat:** 4 hours
- Full Cure:** 14 days

SURFACE PREPARATION:

- All surfaces must be clean, free of dust, chalk, oil, grease, mold and mildew stains, loose and peeling paint, rust and all other foreign substances.
- Glossy surfaces must be 'scuff sanded' with an appropriate sandpaper and primed prior to coating.
- Allow new stucco, plaster and masonry to cure for 30 days before painting.

WARNING! If you scrape, sand or remove old paint, you may release lead dust. **LEAD IS TOXIC.** Contact the National Lead Information Center at 1-800-424-LEAD or visit www.epa.gov/lead.

RECOMMENDED PRIMER/SYSTEMS:

PROPERLY PREPARED NEW SURFACES:

Wood: Composition Panels/Siding, Fiber Board

- Kilz 2 Latex Interior/Exterior Water-Base Primer
- BEHR PREMIUM PLUS® Interior/Exterior Multi-Surface Primer & Sealer No. 436

Wood: Cedar, Redwood, Shakes & Shingles

- Kilz 2 Latex Interior/Exterior Water-Base Primer
- BEHR PREMIUM PLUS Interior/Exterior Multi-Surface Primer & Sealer No. 436

Tannin/Stainblocking:

- Kilz 2 Latex Interior/Exterior Water-Base Primer
- BEHR PREMIUM PLUS Interior/Exterior Multi-Surface Primer & Sealer No. 436

Masonry: Stucco, Cinder Block, Concrete Masonry Units (CMUs), Split Face Block

- BEHR PRO™ Block Filler Primer No. PR50
- Kilz 2 Latex Interior/Exterior Water-Base Primer
- BEHR PREMIUM PLUS Interior/Exterior Multi-Surface Primer & Sealer No. 436

COMPLIES WITH THE BELOW AS OF 11/1/2017			
SCAQMD	YES	LEED® 2009†	NO
CARB SCM 2007	YES	LEED® v.4†	NO
CARB	YES	MPI#	
OTC PHASE II	YES	MPI X-GREEN	
OTC	YES	GREENGUARD®#	NO
LADCO	YES	CHPS	N/A
AIM	YES	NAHB/ICC NGBS	N/A

†Please visit www.usgbc.org/LEED for additional details.
#GREENGUARD is a registered trademark of UL Company.

Masonry: Cement Composition Panels/Siding, Exterior Insulation and Finish Systems (EIFS) or Synthetic Stucco

- Kilz 2 Latex Interior/Exterior Water-Base Primer
- BEHR PREMIUM PLUS Interior/Exterior Multi-Surface Primer & Sealer No. 436

Masonry with pH Levels up to 13.0:

- BEHR PREMIUM PLUS Interior/Exterior Multi-Surface Primer & Sealer No. 436

Ferrous & Non-Ferrous Metals:

- BEHR PREMIUM PLUS Interior/Exterior Multi-Surface Primer & Sealer No. 436

PREVIOUSLY PAINTED SURFACES:

- Use a full coat or spot prime with BEHR PREMIUM PLUS Interior/Exterior Multi-Surface Primer & Sealer No. 436

CLEAN UP:

- Clean all tools and equipment with clean water.
- For proper disposal of empty containers and unused product, contact your local household refuse collection service.
- To reduce waste, consult with your retailer or an online paint calculator to determine the correct amount of paint to purchase.

CAUTIONS/LIMITATIONS:

- Protect from freezing.
- IMPORTANT! Do not open can without reading instructions.
- For tint bases-do not use without the addition of colorant.
- Do not use on glossy surfaces or floors.
- Do not use when air and surface temperatures are below 35°F or above 90°F.
- Allow 2 weeks for full cure before washing or cleaning.
- Shelf life under normal conditions is two years unopened.



**e500 EXTERIOR FLAT PAINT**

NO. 510 WHITE BASE

GENERAL INFORMATION:

Warning! Causes eye and skin irritation. Wear protective clothing, gloves, eye, and face protection. Do not eat, drink, or smoke when using this product. Take off contaminated clothing and wash it before reuse.

Wash hands thoroughly after handling. Dispose of unused contents, container and other contaminated wastes in accordance with local, state, federal and provincial regulations.

First aid: If in eyes: Rinse cautiously with water for several minutes and remove contacts if present and easy to do. Continue rinsing and get medical attention if eye irritation persists. **If on skin:** Wash with plenty of soap and water. **If swallowed:** Rinse mouth and get medical attention if you feel unwell.



INTERIOR/EXTERIOR MULTI-SURFACE PRIMER & SEALER

NO. 436



PRODUCT INFORMATION

BEHR PREMIUM PLUS® Interior/Exterior Multi-Surface Primer & Sealer is 100% styrene acrylic, provides a mildew-resistant finish, and is high-hide white with a quick recoat time. It blocks medium to heavy stains, has excellent adhesion to multiple substrates, and it's tintable for dramatic color changes. The product also offers corrosion and rust resistant properties to ferrous and non-ferrous metal.

RECOMMENDED USES:

This all-in-one, primer and sealer, is recommended for use with all BEHR PREMIUM PLUS Interior/Exterior Paints. Suitable for:

- Concrete/Tilt-Up
- Concrete Block/CMU
- Cement Board Siding
- Brick
- Stucco
- Plaster
- Drywall/Gypsum Board
- Wood
- Plywood
- Ferrous Metal
- Non-Ferrous Metal
- Architectural Plastics
- Vinyl/PVC
- Fiberglass

PRODUCT SPECIFICATIONS:

Tint Bases/Max Tint Load:

No. 436 126 oz. / 4 oz.

Resin Type: Styrenated Acrylic

Weight per Gallon: 10.9 lbs.

% Solids by Volume: 44.5% ± 2%

% Solids by Weight: 57.3% ± 2%

VOC: <50 g/L

Flash Point: N/A

Viscosity: 90 - 97 KU

Recommended Film Thickness:

Wet: 6.4 mils / Dry: 2.7 mils @ 250 Sq. Ft./Gal.

Wet: 4.0 mils / Dry: 1.7 mils @ 400 Sq. Ft./Gal.

Coverage: 250-400 Sq. Ft./Gal. depending on application method and substrate porosity. Does not include the loss of material from spraying.

APPLICATION:

Brush: Nylon/polyester

Roller: 3/8" - 3/4" nap

Airless Spray: At packaged consistency

Tip: .015" - .021"

Filter: 60 mesh

Thinning: (If required) No more than 1/2 pint of water per gallon.

Dry Time: @ 77° & 50% RH

Longer dry time may be required in cooler temperatures and higher humidity.

To Touch: 30 minutes

To Recoat: 1 hour

Full Cure: 2 weeks

SURFACE PREPARATION:

All surfaces must be clean, free of dust, chalk, oil, grease, wax, polish, mold and mildew stains, loose and peeling paint, rust and all other foreign substances.

New Wood: Remove mill glaze with sandpaper or use a product such as BEHR PREMIUM® All-In-One Wood Cleaner No. 63 to open the pores of the wood and follow all label instructions. For severe stains caused by mold, mildew, algae and fungus, apply a mildew stain removing product. Set nails and fill holes, scratches, and gouges with the appropriate wood filler and let dry completely. Remove all dust with a wiping cloth. Fill all gaps with a 100% acrylic, siliconized, paintable caulking and allow to dry completely. Patched and filled surfaces should be sanded smooth and dusted clean prior to coating.

Previously Painted Wood: Remove all loose and peeling paint and all other foreign substances. Clean any dirt and grease by scrubbing the surface with a detergent and water solution, followed by a thorough rinsing with clean water. Set nails and fill holes, scratches, and gouges with the appropriate wood filler and let dry completely. Remove all dust with a tack or wiping cloth. Fill all gaps with a 100% acrylic, siliconized, paintable caulking, and allow to completely dry prior to coating. **Glossy Surfaces:** For maximum adhesion, sand the surface thoroughly to provide a rough surface before coating. **Weathered Wood Surfaces:** To remove loose wood fibers, latex, oil-based and 100% acrylic coatings on new or weathered wood decks, siding, fences, shakes and shingles, use a product such as BEHR PREMIUM Wood Stain & Finish Stripper No. 64 and follow all label instructions. Use a product such as BEHR PREMIUM All-In-One Wood Cleaner No. 63 and follow all label instructions to clean and brighten the wood surface and to remove light to medium stains caused by mold, mildew, algae and fungus. Be sure to follow all label instructions.

COMPLIES WITH THE BELOW AS OF 7/1/2017			
SCAQMD	YES	LEED v.3 (2009) [†]	YES
CARB SCM 2007	YES	LEED v.4 [†]	YES
CARB	YES	MPI#	3,6,17,39,50 107,134,137
OTC Phase II	YES	MPI X-GREEN	3,17,107,137
OTC	YES	GREENGUARD®	YES
LADCO	YES	CHPS	YES
AIM	YES	NAHB/ICC NGBS	YES

This coating conforms to USDA regulatory requirements for incidental food-contact materials intended for use on surfaces not in direct contact with food, such as walls, floors and ceilings.

[†]Please visit www.usgbc.org/LEED for additional details.

GREENGUARD is a registered trademark of UL Company.

Wood: WARNING! Sanding or scraping pressure treated lumber may be hazardous; wear appropriate protection.

Stainblocking: After priming, test for stain bleed-through by applying the topcoat to a small section. If the stain bleeds through the topcoat, apply a second coat of primer and test again before top-coating the entire area. If bleeding continues, a longer dry time of the primer may be needed before top-coating.

Masonry: Stucco, Concrete, Cut Masonry Units (CMU's), Split-Faced Block: New: 30 days of concrete cure time is not required prior to first use. Allowing concrete to set for 7 days before painting is recommended. The pH must be 13.0 or lower prior to coating. Follow manufacturer's instructions to remove form release and curing agents from concrete substrates. Smooth masonry may require an adequate profile for adhesion. For all other smooth trowel concrete, create an adequate profile for adhesion using a product such as muriatic acid etcher or with mechanical means. Remove all loose aggregate and debris.

Ferrous and Non-Ferrous Metal: The oil film on new non-ferrous metal must be removed before it is painted. Remove oil film with a detergent and water solution. For better paint adhesion, sand the surface with sandpaper, steel wool, or by using a product muriatic acid. Clean by scrubbing the surface with a detergent and water solution, followed by a thorough rinsing with clean water.

Metal: Remove all rust and mill scale using sandpaper, steel wool, abrasive blasting, or other abrading methods to create a profile on the metal's surface. **New Surfaces:** Clean the metal by scrubbing the surface with a detergent and water solution, followed by a thorough rinsing with clean water. Bare metal must be primed the same day it is cleaned.





INTERIOR/EXTERIOR MULTI-SURFACE PRIMER & SEALER

NO. 436

WARNING! If you scrape, sand or remove old paint, you may release lead dust. **LEAD IS TOXIC.** Contact the National Lead Information Center at 1-800-424-LEAD or visit www.epa.gov/lead.

CLEAN UP:

Clean all tools and equipment with clean water. For disposal of empty containers and unused product, contact your household refuse collection service.

CAUTIONS/LIMITATIONS:

- Protect from freezing.
- Do not use on garage floors or driveways.
- For best results, apply at temperatures between 35°F - 90°F. Temperatures above 90°F may affect the dry time.
- Shelf life under normal conditions is two years unopened.

GENERAL INFORMATION:



Warning! Causes eye and skin irritation. Harmful if swallowed. Wear protective clothing, gloves, eye, and face protection. Do not eat, drink, or smoke when using this product. Collect spillage and avoid release to the environment. Take off contaminated clothing and wash it before reuse. Wash hands thoroughly after handling. Dispose of unused contents, container and other contaminated wastes in accordance with local, state, federal and provincial regulations.

First aid: If in eyes: Rinse cautiously with water for several minutes and remove contacts if present and easy to do. Continue rinsing and get medical attention if eye irritation persists. **If swallowed:** Rinse mouth and get medical attention if you feel unwell. **If on skin:** Wash with plenty of soap and water.



INTERIOR/EXTERIOR WATER-BASE PRIMER

NO. 2201



PRODUCT INFORMATION

KILZ® KLEAR™ Interior/Exterior Water-Base Primer is a high performance fast-dry multi-surface clear primer developed to seal porous surfaces inside and outside your home. Particularly effective for ‘same color painting’, KILZ KLEAR Interior/Exterior Water-Base Primer will bond and seal porous and chalky surfaces with little change to current color. KILZ KLEAR Interior/Exterior Water-Base Primer is a tough, flexible and breathable film to offer years of service. KILZ KLEAR Interior/Exterior Water-Base Primer may also be used to seal highly porous surfaces with a transparent flat finish. Suitable for sealing torn drywall facing paper, dried wallcovering adhesive, ‘hot’ joint compounds, concrete and stucco. Not recommended for floors.

RECOMMENDED USES:

Use KILZ KLEAR primer on interior and exterior surfaces, including:

- Drywall
- Plaster
- Wood
- Non-Ferrous Metal
- Architectural Plastics
- Masonry
- Brick

PRODUCT SPECIFICATIONS:

Tint Bases/Max Tint Load:

No. 2201 128 oz / 2 oz

Sheen: < 10 @ 85°

Sheen levels depend on porosity and various surface irregularities.

Resin Type: Styrene Acrylic

Weight per Gallon: 8.6 lbs

% Solids by Volume: 17.5%

% Solids by Weight: 19.7%

VOC: < 100 g/L

Flash Point: N/A

Viscosity: 60 - 70 KU

Recommended Film Thickness:

Wet: 5.4 mils / Dry: 1.0 mils @ 300 Sq. Ft./Gal.

Wet: 4.0 mils / Dry: 0.7 mils @ 400 Sq. Ft./Gal.

Coverage: 300 - 400 Sq. Ft./Gal. depending on the surface texture, porosity and application method. Does not include the loss of material from spraying.

APPLICATION:

Brush: Nylon / Polyester

Roller: 3/8" - 1/2" nap

Airless Spray: Fluid pressure of 2,500-3,200 psi

Tip: .015" - .017"

Filter: 60 mesh

Thinning: Not recommended. Product is formulated for use at package consistency only.

Dry Time: @ 77°F, 50% RH

Longer dry time required in cooler temperatures and in higher humidity.

To Touch: 30 Minutes

To Recoat: 1 hour

SURFACE PREPARATION:

All surfaces must be clean, free of dust, chalk, oil, grease, wax polish, mold and mildew, loose peeling paint, rust and all other foreign substances.

Wash: If washing is necessary, use a non-soapy detergent or TSP substitute. Rinse well and allow to dry.

Peeling or Checked Paint: Scrape off loose paint and sand to a smooth surface. Sanding or removal of paint containing lead is hazardous.

Glossy Surfaces: scuff and sand to de-gloss and wipe clean before application.

WARNING! If you scrape, sand or remove old paint, you may release lead dust. **LEAD IS TOXIC.** Contact the National Lead Information Center at 1-800-424-LEAD or log on to www.epa.gov/lead.

CLEAN UP:

Clean all tools and equipment with clean water. For disposal of empty containers and unused product, contact your household refuse collection service.

COMPLIES WITH THE BELOW AS OF 9/1/2014			
SCAQMD	YES	LADCO	YES
CARB	YES	AIM	YES
OTC	YES		

CAUTIONS/LIMITATIONS:

- **IMPORTANT!** Do not open can without reading instructions.
- Do not use on floors.
- Do not use when air and surface temperatures are below 50° or above 90°.
- Shelf life under normal conditions is two years unopened.

GENERAL INFORMATION:



Warning! Causes eye and skin irritation. Harmful if swallowed. Wear protective clothing, gloves, eye, and face protection. Do not eat, drink, or smoke when using this product. Take off contaminated clothing and wash it before reuse. Wash hands thoroughly after handling. Collect spillage and avoid release to the environment. Dispose of unused, contents, container and other contaminated wastes in accordance with local, state, federal and provincial regulations.

First aid: If in eyes: Rinse cautiously with water for several minutes and remove contacts if present and easy to do. Continue rinsing and get medical attention if eye irritation persists. **If on skin:** Wash with plenty of soap and water. **If swallowed:** Rinse mouth and get medical attention if you feel unwell.

Safety Data Sheet



1. Identification

Product Name:	STRUST QT 2PK FLAT RUSTY METAL PRIMER	Revision Date:	12/12/2017
Product Identifier:	7769502	Supercedes Date:	5/15/2015
Product Use/Class:	Primer/ Alkyd		
Supplier:	Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA	Manufacturer:	Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA
Preparer:	Regulatory Department		
Emergency Telephone:	24 Hour Hotline: 847-367-7700		

2. Hazard Identification

Classification

Symbol(s) of Product



Signal Word

Danger

Possible Hazards

10% of the mixture consists of ingredient(s) of unknown acute toxicity.

GHS HAZARD STATEMENTS

Flammable Liquid, category 3	H226	Flammable liquid and vapour.
Germ Cell Mutagenicity, category 1B	H340	May cause genetic defects.
Carcinogenicity, category 1B	H350	May cause cancer.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.

GHS LABEL PRECAUTIONARY STATEMENTS

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P370+P378	In case of fire: Use alcohol film forming foam, carbon dioxide, dry chemical, dry sand to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container in accordance with local, regional and national regulations.
P201	Obtain special instructions before use.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P405	Store locked up.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P321	For specific treatment see label

GHS SDS PRECAUTIONARY STATEMENTS

P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P363	Wash contaminated clothing before reuse.

3. Composition / Information On Ingredients
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HAZARDOUS SUBSTANCES

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt.% Range</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
Hydrotreated Light Distillate	64742-47-8	25-50	GHS08	H304
Hydrous Magnesium Silicate	14807-96-6	2.5-10	Not Available	Not Available
Zinc Phosphate	7779-90-0	1.0-2.5	Not Available	Not Available

Wollastonite	13983-17-0	1.0-2.5	Not Available	Not Available
Crystalline Silica / Quartz	14808-60-7	1.0-2.5	Not Available	Not Available
Solvent Naphtha, Light Aromatic	64742-95-6	0.1-1.0	GHS07-GHS08	H304-332-340-350
Methyl Ethyl Ketoxime	96-29-7	0.1-1.0	GHS05-GHS06	H302-312-317-318-331
Dipropylene Glycol Monomethyl Ether	34590-94-8	<0.1	Not Available	Not Available

4. First-Aid Measures

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

FIRST AID - SKIN CONTACT: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

FIRST AID - INGESTION: If swallowed, get medical attention.

5. Fire-Fighting Measures

EXTINGUISHING MEDIA: Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: No unusual fire or explosion hazards noted. Closed containers may explode when exposed to extreme heat due to buildup of steam. Keep containers tightly closed. Combustible liquid and vapor.

SPECIAL FIREFIGHTING PROCEDURES: Evacuate area and fight fire from a safe distance. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

Special Fire and Explosion Hazard (Combustible Dust): No Information

6. Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools.

7. Handling and Storage

HANDLING: Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all SDS and label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

STORAGE: Store in a dry, well ventilated place. Keep container tightly closed when not in use. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Avoid excess heat.

Advice on Safe Handling of Combustible Dust: No Information

8. Exposure Controls / Personal Protection

Chemical Name	CAS-No.	Weight % Less Than	ACGIH TLV- TWA	ACGIH TLV- STEL	OSHA PEL-TWA	OSHA PEL- CEILING
Hydrotreated Light Distillate	64742-47-8	30.0	N.E.	N.E.	N.E.	N.E.
Hydrous Magnesium Silicate	14807-96-6	10.0	2 mg/m ³	N.E.	N.E.	N.E.
Zinc Phosphate	7779-90-0	5.0	N.E.	N.E.	N.E.	N.E.
Wollastonite	13983-17-0	5.0	1 mg/m ³	N.E.	N.E.	N.E.
Crystalline Silica / Quartz	14808-60-7	5.0	0.025 mg/m ³	N.E.	50 µg/m ³	N.E.
Solvent Naphtha, Light Aromatic	64742-95-6	1.0	N.E.	N.E.	N.E.	N.E.
Methyl Ethyl Ketoxime	96-29-7	1.0	10 ppm	N.E.	N.E.	N.E.
Dipropylene Glycol Monomethyl Ether	34590-94-8	0.1	100 ppm	150 ppm	100 ppm	N.E.

PERSONAL PROTECTION

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

SKIN PROTECTION: Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT: Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

HYGIENIC PRACTICES: Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

Engineering Measures for Combustible Dust: No Information

9. Physical and Chemical Properties

Appearance:	Liquid	Physical State:	Liquid
Odor:	Solvent Like	Odor Threshold:	N.E.
Relative Density:	1.376	pH:	N.A.
Freeze Point, °C:	N.D.	Viscosity:	N.D.
Solubility in Water:	Slight	Partition Coefficient, n-octanol/ water:	N.D.
Decomposition Temp., °C:	N.D.	Explosive Limits, vol%:	1.0 - 7.0
Boiling Range, °C:	100 - 537	Flash Point, °C:	40
Flammability:	Supports Combustion	Auto-ignition Temp., °C:	N.D.
Evaporation Rate:	Slower than Ether	Vapor Pressure:	N.D.
Vapor Density:	Heavier than Air		

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

CONDITIONS TO AVOID: No Information

INCOMPATIBILITY: Incompatible with strong oxidizing agents, strong acids and strong alkalis.

HAZARDOUS DECOMPOSITION: When heated to decomposition, it emits acrid smoke and irritating fumes. Contains solvents which may form carbon monoxide, carbon dioxide, and formaldehyde.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

11. Toxicological Information

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Substance causes moderate eye irritation.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Substance may cause slight skin irritation.

EFFECTS OF OVEREXPOSURE - INHALATION: High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs. Prolonged or excessive inhalation may cause respiratory tract irritation.

EFFECTS OF OVEREXPOSURE - INGESTION: Irritating to the nose, throat and respiratory tract. Harmful if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Contains Calcium Silicate (Wollastonite), which is an IARC 3 Agent "unclassifiable as to carcinogenicity to humans" via inhalation. Inhalation exposure to Calcium Silicate is not anticipated through brush application nor normal use. Calcium Silicate is NOT classified as a carcinogen by NIOSH, ACGIH, NTP nor OSHA. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
64742-47-8	Hydrotreated Light Distillate	>5000 mg/kg Rat	>2000 mg/kg Rabbit	>5000 mg/L Rat
14807-96-6	Hydrous Magnesium Silicate	6000	N.E.	30
7779-90-0	Zinc Phosphate	>5000 mg/kg Rat	N.E.	N.E.

14808-60-7	Crystalline Silica / Quartz	5500 mg/kg Rat	5500	100 mg/L
64742-95-6	Solvent Naphtha, Light Aromatic	8400 mg/kg Rat	>2000 mg/kg Rabbit	N.E.
96-29-7	Methyl Ethyl Ketoxime	930 mg/kg Rat	1100 mg/kg Rabbit	>4.8 mg/L Rat
34590-94-8	Dipropylene Glycol Monomethyl Ether	N.E.	9500 mg/kg Rabbit	N.E.

N.E. - Not Established

12. Ecological Information

ECOLOGICAL INFORMATION: Product is a mixture of listed components.

13. Disposal Information

DISPOSAL INFORMATION: No Information

14. Transport Information

	<u>Domestic (USDOT)</u>	<u>International (IMDG)</u>	<u>Air (IATA)</u>	<u>TDG (Canada)</u>
UN Number:	N.A.	1263	1263	N.A.
Proper Shipping Name:	Not Regulated	Paint	Paint	Not Regulated
Hazard Class:	N.A.	3	3	N.A.
Packing Group:	N.A.	III	III	N.A.
Limited Quantity:	No	Yes, >5L No	Yes, >5L No	No

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

No Information

Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

Chemical Name

Zinc Phosphate

CAS-No.

7779-90-0

Toxic Substances Control Act:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components exist in this product.

16. Other Information**HMIS RATINGS**

Health: 2* Flammability: 2 Physical Hazard: 0 Personal Protection: X

NFPA RATINGS

Health: 2 Flammability: 2 Instability: 0

VOLATILE ORGANIC COMPOUNDS, g/L: 421

SDS REVISION DATE: 12/12/2017

REASON FOR REVISION: Product Composition Changed
Substance and/or Product Properties Changed in Section(s):
01 - Identification
02 - Hazard Identification
05 - Fire-fighting Measures
09 - Physical & Chemical Properties
15 - Regulatory Information
16 - Other Information
Statement(s) Changed

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

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