



CITY OF HOUSTON

Administration and Regulatory Affairs Department
Strategic Purchasing Division

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October 28, 2010

Subject: Letter of Clarification No. 4 to Invitation to Bid No. S50-C23765 for Exterior Painting at the George R. Brown Convention Center, located at 1001 Avenida de las Americas for the Convention and Entertainment Facilities Department

To: All Prospective Bidders:

This letter of Clarification is being issued for the following reasons:

- **To revise the specifications and respond to question posed by prospective bidders:**

SECTION C - SCOPE OF WORK/SPECIFICATIONS

- 1) Remove pages 6, 8, 9, 10, 11, 12, 13, 14 & 15 of 31 and replace with the attached revised pages 6, 8, 9, 10, 11, 12, 13, 14 & 15 of 31 marked **REVISED 10/28/2010**.
- 2.) The questions and answers are as follows:

Question #1 Is there plans and elevation of the existing as-built drawings available for accurate steel take offs and height verifications prior to bid time?

Answer: No.

Question #2 Is it the cities intentions to make the applicator of the specified product be responsible for the labor warranty of the performance of the specified material? IE: discoloring, yellowing, streaking, blooming or darkening of the product?

Answer: Yes.

Question #3 Does the City realize the manufacturer of the specified paint product is only providing a three year material only warranty?

Answer: The manufacturer provides a two-year labor and material warranty.

Question #4 Could the City only require the applicator of the specified product warrant the application only and have the manufacturer warrant the proformance of the specified product for labor and material?

Answer: No.

Partnering to better serve Houston

**S-50-C23765 – LETTER OF CLARIFICATION NO. 4
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Question #5 Could the City consider adding the Devthane clear coat to the specification which would enable the manufacturer to provide a three year labor and material warranty?

Answer: A different paint has now been specified (See attached revised Scope of Work/Technical Specifications).

Question #6 Has the City reviewed or agreed to the manufacturer's written warranty?

Answer: Yes.

Question #7 At the Back side of the building next to the freeway, is the round red vents to be painted in this scope of work? Was not addressed at the walk through.

Answer: Yes.

Question #8 Metal Deck at Loading Dock:

A. It appears to have a lot of high voltage electrical boxes as well as wiring attached or near the deck. Can the deck be power washed without damaging the high voltage electrical boxes?

Answer: There are no high voltage boxes in the area. The area can be power washed.

B. If the deck can not be power washed, what prep will be required?

Answer: Not applicable.

C. Should the City change the specification for the deck painting to a Alkad Dryfall system that can be sprayed on the deck and not brushed and rolled this area?

Answer: A dryfall paint has now been specified See attached revised Scope of Work/Technical Specifications).

D. Is the painted piping below the deck not included in the scope of work? Our understanding is we are painting the deck only, is that correct?

Answer: Question 1 – no; question 2 - Yes.

E. For the paint that has not released from the galv., deck what adjustments will be made to the warranty to deal with the existing paint adhesion that may release within the three year warranty?

Answer: None.

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F. Are the square light fixtures that are attached to the deck be included in this scope of work?

Answer: No.

Question #9 Is the contractor required to power wash the sidewalks, loading dock, and driveways to clean the dirt that runs down from the painted structures on the building that are being cleaned?

Answer: The work area must be left clean.

Question #10 Will time extension be granted for days that the daily temp does not meet the manufacturer recommendations for application?

Answer: Yes.

Question #11 Does the City evaluate the individual company's safety record as part of the selection process?

Answer: The past performance of the bidder being considered for award of a bid or contract is always a factor in determining whether that bidder is the low responsive and responsible bidder.

Question #12 Is there a grading scale for evaluating the proposed company's or is it just a low bid evaluation?

Answer: No.

Note: No further questions will be accepted after the publication of this Letter of Clarification.

When issued, Letter(s) of Clarification shall automatically become a part of the bid documents and shall supersede any previous specification(s) and/or provision(s) in conflict with the Letter(s) of Clarification. It is the responsibility of the bidders to ensure that it has obtained all such letter(s). By submitting a bid on this project, bidders shall be deemed to have received all Letter(s) of Clarification and to have incorporated them into this solicitation.

Furthermore, it is the responsibility of each Contractor to obtain any previous Letter of Clarification associated with this solicitation.

Arturo Lopez

Arturo Lopez
Senior Procurement Specialist
832-393-8731

Attachments: Revised pages 6, 8, 9, 10, 11, 12, 13, 14 & 15 of 31 marked **REVISED**
10/28/2010.

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**SECTION B
SCOPE OF WORK / TECHNICAL SPECIFICATIONS
For
Painting Exterior Areas
at the
George R. Brown Convention Center**

1.0 Scope of Work

- 1.1 The Contractor shall furnish all tools, materials, supplies, equipment, permits, scaffolding, ladders, labor, insurance, bonds, supervision and transportation necessary to clean and paint the exterior areas of the George R. Brown Convention Center, (GRBCC). The areas included are all blue and white exterior steel of the building, and the red air vent grills. Areas included are:
- a) Balcony structural steel columns – blue.
 - b) Entrance canopies structural steel – blue and white.
 - c) Upper truss and roof area structural steel – blue.
 - d) Loading dock structural steel – blue.
 - e) Ramp structural steel truss – blue.
 - f) Painted light and sound fixtures attached to steel.
 - g) Side exhaust grills - red
 - h) Cooling towers - blue steel and red grills.
 - i) Docks B, C, D – white steel deck plates above dock.
- 1.2 All areas and equipment not being painted must be thoroughly protected and kept clean during the project.
- 1.3 All work performed by the Contractor will be in accordance with the latest City of Houston Building Codes and other related City of Houston Standard Construction Specifications. In the event that more than one Code or Standard addresses a construction issue, the most stringent requirement shall prevail. It is the responsibility of the Contractor to obtain and pay for any necessary permits.
- 1.4 The work does not include the red ticket booths, red doors or red roll-up doors and door jambs.

2.0 Material Specifications

- 2.1 Paint materials to be manufactured by Devoe High Performance Coatings, GRBCC Safety Red, GRBCC blue and white.
- 2.1.1 *Devguard 4160 Mutli-Purpose Tank & Structural Primer for use as a spot primer for bare metal.***
 - 2.1.2 *Devshield 877 Silicone Alkyd Gloss Enamel for use as an one-coat exterior finish.***
 - 2.1.3 *Spraymaster Pro Dryfall Flat Primer & Finish 1280-1200 for use as a one-step primer and finish coat on the galvanized decking in the rear of the facility.***

3.0 Project Execution

- 3.1 The Contractor shall perform work as a turn-key project.

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maintained in first class condition.

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3.11 The Contractor shall protect all areas of the facility using drop clothes, masking or other means to ensure no unpainted areas are damaged by over-spray, dust or other problems. Exterior painting and preparation will be performed so equipment or other surfaces are not damaged.

4.0 Workmanship Requirements

4.1 Application: Skilled craftsmen shall apply these materials. Execute this work in accordance with best practices recognized for the class of work and grade, type and kinds of materials specified, only on dry materials and under acceptable weather conditions. Apply paint to manufacturer's recommended film thickness.

4.2 Drying: Do not apply a succeeding coat until preceding coat is dry and hard.

4.3 Paint: Use without thinning or adulterating, unless specified by manufacturer.

4.4 Brushes: Lay out brush-applied coats to remove all brush marks.

4.5 Rollers: Double roll each coat by cross-rolling in a 90 degree pattern.

4.6 Paint film thickness: Not less than 2 wet mils per coat and as recommended by the manufacturer.

5.0 Parking Arrangements

5.1 Parking availability is subject to event requirements. The Contractor shall arrange parking through the GRBCC's facility management on a daily basis.

6.0 Acceptance and Payment

6.1 Acceptance and payment are contingent upon completion of the job to the satisfaction of the Convention & Entertainment Facilities Department management in accordance with all conditions and requirements as detailed herein.

7.0 Performance Time:

7.1 This project shall be completed within **120 calendar days** after receipt of the notice-to-proceed from the City of Houston.

8.0 Warranty

8.1 *Provide a two-year warranty on both materials and workmanship. The warranty period shall commence the date on which the City officially accepts the completion of services.*

8.2 All warranty work shall be completed without cost to the City within ten calendar days after notification of a service problem. The warranty covers release sag, discoloring, yellowing, streaking, blooming,

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darkening, or peeling of all painted surfaces.

9.0 Paint Specifications: DEVOE High Performance Coatings and City of Houston Pressure Washer Permit

9.1 ***DEVGUARD – 4160***

9.2 ***DEVSHIELD – 877***

9.3 ***ICI PAINTS ‘ SPRAYMASTER PRO / UNI-GRIP-WB AQUACRYLIC DRYWALL
FINISH FLAT PAINT PRIMER & FINISH / 1280-1200***

9.4 City of Houston Pressure Washer Permit

A PDF version of the Paint Specifications ,COH Pressure Washer Permit and COH Storm Water Ordinance can also be viewed on the following web link

<https://purchasing.houstontx.gov/buyer/BidDocumentManager.aspx?id=C23765>

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ICI Devoe Coatings is a member of the ICI Paints World Group

DEVGUARD™ 4160

Multi-Purpose Tank & Structural Primer

Cat. # 4160-XXXX
(4160-1000 White/4160-6120 Gray/4160-7100 Red)

PRODUCT DESCRIPTION

Generic: Alkyd

General Description: A high solids, rust-inhibitive, interior-exterior alkyd primer for use on ferrous and non-ferrous metal including galvanized metal and aluminum. May be topcoated on ferrous metal with epoxy, vinyl, urethane and chlorinated rubber coatings as well as conventional alkyd and latex products. Excellent for use as a barrier coat when applied over sound aged oil or alkyd finishes which are to be topcoated with heavy-duty coatings. This product has exceptional resistance to exterior weathering, making it suitable for use as a shop primer.

Typical Uses: Ideal for structural steel, tanks, piping and equipment.

Special Qualifications: Suitable for use on structural surfaces or surfaces where there is a possibility of incidental food contact in commercial food preparation establishments, food processing plants and federally inspected meat and poultry plants. USDA no longer requires or furnishes product certification letters.

SPECIFICATION DATA

Color: White, Gray & Red

Finish: Flat

Clean-up Solvent: Xylene

Weight/Gallon (White): 11.8 lbs./gal. (1.41 kg/L) - varies with color

VOC (White): 3.50 lbs./gal. (419 g/L) - varies with color

Solids By Volume (White): 51% ± 1% - varies with color

Theoretical Coverage at 1.0 Mil Dry: 818 sq. ft./gal. (20 m²/L)

Practical Coverage: Apply at 334-417 sq. ft./gal. (8-10 m²/L). Actual coverage may vary depending on substrate and application method.

Recommended Film Thickness: 2.0-2.5 mils (50-62 microns) dry - 4.0-5.0 mils (100-125 microns) wet

Systems: Please consult the appropriate system guide, the particular job specification or your ICI Devoe Coatings' Industrial Coatings Specialist for proper systems using this product. Systems must be selected considering the particular environment involved.

Service Temperature Limit: 200°F (93°C) in air

Flame Spread Rating: Class A (0-25) over non-combustible surfaces.

Flash Point: 108°F (42°C)

Dry Time @ 77°F (25°C) & 50% RH:

To touch - 20 minutes

To handle - 30 minutes

To recoat - 2 hours (allow 48-72 hours, if topcoating with heavy-duty or waterborne coatings)

Warning: The above table provides guidelines only. Always consult your ICI Devoe Coatings Specialist for appropriate recoat windows since the maximum aged recoat time of this product may be significantly shortened or lengthened by a variety of conditions, including, but not limited to humidity, surface temperature, and the use of additives or thinners. The use of accelerators or force curing may shorten the aged recoat of individual coatings. The above recoat windows may not apply if recoating with a product other than those listed above. If the maximum aged recoat window is exceeded, please consult your ICI Industrial Coatings Specialist for appropriate recommendations to enhance adhesion. Failure to observe these precautions may result in intercoat delamination.

Shelf Life: 1 year minimum - unopened

FEATURES

Advantages:

- May be used on both ferrous and galvanized metal
- Excellent corrosion resistance
- Fast dry
- May be topcoated with heavy-duty coatings
- Lead and chromate free
- High volume solids
- Performance alternate for Federal Specifications TT-P-615D, TT-P-636D, and TT-P-645B

PERFORMANCE DATA

PROPERTY	TEST METHOD	RESULTS
Adhesion	ASTM D 4541	>1000 psi
Abrasion	ASTM D 4060, CS-17 wheels, 1000g load, 1000 cycles	250mg loss
Condensing Humidity Resistance	ASTM D 4585, 15,000 hours	No effect
Salt Spray (Fog) Resistance	ASTM B 117, 500 hours	1/16" rust creepage at scribe

DANGER! COMBUSTIBLE. HARMFUL OR FATAL IF SWALLOWED. Read label and Material Safety Data Sheet Prior to Use. See other cautions on last page. DSF2-0790

FINISHES SPECIAL COATINGS (9800)

ICI DEVOE COATINGS
A member of the ICI Paints World Group



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FINISHES SPECIAL COATINGS (9800)

09800

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GENERAL SURFACE PREPARATION

All surfaces must be sound, dry, clean and free of oil, grease, dirt, mildew, form release agents, curing compounds, efflorescence, loose and flaking paint and other foreign substances.

New Surfaces: Steel - Best results are obtained over a surface sandblasted to a Commercial Blast (SSPC-SP6). Performance over hand or power-tool cleaned surfaces is dependent on the degree of cleaning. Prime with this product.
Galvanized Metal and Aluminum - Prime with this product. Not recommended on metal where pooling water is likely, such as roofs, etc. Avoid strong solvent topcoats such as epoxies and urethanes when used over galvanized metal.

Previously Painted Surfaces: Wash to remove contaminants. Rinse thoroughly with water and allow to dry. Dull glossy areas by light sanding. Remove sanding dust. Remove loose paint. Scrub heavy chalk areas and overhead areas such as eaves with soap and water. Remove all mildew by washing with a solution of 16 oz. (473 mL) liquid household bleach and two oz. (59 mL) non-ammoniated liquid detergent per gallon (3.785 L) of water. Rinse surfaces clean with water and allow to dry for 24 hours. All areas failed by rusting, peeling, blistering, etc., shall be wire brushed and scraped to remove all loose or loosely adhering material. Prime bare areas with primer specified under **New Surfaces**. For optimum performance in more corrosive areas, entire surface should be abrasive blast cleaned and primed with this product.

DIRECTIONS FOR USE

Tinting: May be tinted with up to four oz./gal. of ICI colorants.

Spreading Rate: Recommended coverage 334-417 sq. ft./gal. (8-10 m²/L) or 4.0-5.0 mils wet (2.0-2.5 mils dry) on smooth, sealed surfaces. Actual coverage may vary depending on substrate and application method. Do not exceed maximum dry film thickness or solvent entrapment may occur, causing slow film cure extending recoat times.

Application: Mix thoroughly before use. May be applied by brush, roll or spray. No thinning required. Do not apply when the surface or air temperature is below 45°F (7°C). Brushing

and rolling may require multiple coats to achieve correct film thickness and/or hiding.

Drying Time: At 70°F (21°C) and 50% R.H., dries to touch in 20 minutes, to handle in 30 minutes, to recoat in two hours and thorough dry in eight hours. If topcoating with heavy duty or waterborne coatings, allow to dry 48-72 hours. Low temperature, high humidity, thick films or poor ventilation will increase these times.

Clean-up: Clean immediately with xylene.

PRECAUTIONS

DANGER! COMBUSTIBLE LIQUID AND VAPOR. HARMFUL OR FATAL IF SWALLOWED. ASPIRATION HAZARD - CAN ENTER LUNGS AND CAUSE DAMAGE. HARMFUL IF INHALED. MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING DIZZINESS, HEADACHE OR NAUSEA. CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. OVEREXPOSURE MAY CAUSE LIVER, KIDNEY DAMAGE. CONTAINS CRYSTALLINE SILICA WHICH CAN CAUSE LUNG CANCER AND OTHER LUNG DAMAGE IF INHALED. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN. NOTICE: Products in this series contain solvents. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. For emergency information call (800) 545-2643. Keep away from heat, sparks and flame. Do not smoke. Vapors may ignite. Extinguish all flames, burners, stoves, heaters and pilot lights and disconnect all electrical motors and appliances before use and until all vapors are gone. If sanding is done, wear a dust mask to avoid breathing of sanding dust. Do not breathe vapors or spray mist. If you experience eye watering, headaches, or dizziness, leave the area. If properly used, a respirator may offer additional protection. Obtain professional advice before using. Close container after each use. **FIRST AID:** In case of skin contact, wash off quickly with plenty of soap and water, remove contaminated clothing. For eye contact flush immediately with large amounts of water, for at least 15 minutes. Obtain emergency medical treatment. If swallowed, obtain medical treatment immediately. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, get medical help. Note: These warnings encompass the product series. Prior to use, read and follow product-specific MSDS and label information.

0540-002

SHIPPING

Freight Classification: Paint
Flash Point: 108°F (42°C)
Packaging: 1 gallon (3.785L)
5 gallons (18.925L)

Shipping Weight: 4 gallon case - 48 lbs. (21.8 kg)
5 gallon pail - 59 lbs. (26.8 kg)

4160-XXXX (11/99)
Ad Stock #68610B



Cleveland,
Ohio, U.S.A.
800-654-2616
www.devoecoatings.com

ICI Devoe Coatings is a member of the ICI Paints World Group

LIMITATION OF LIABILITY: To the best of our knowledge, the technical data contained herein are true and accurate at the date of issuance but are subject to change without prior notice. We warrant our product to conform to the specifications contained herein. WE MAKE NO OTHER WARRANTY OR GUARANTEE OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE. Liability, if any, is limited to replacement of the product or refund of the purchase price. LABOR OR COST OF LABOR AND OTHER CONSEQUENTIAL DAMAGES ARE HEREBY EXCLUDED.

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DEVSHIELD™ 877

Silicone Alkyd Gloss Enamel

Cat. # 877SXXXX

PRODUCT DESCRIPTION

Generic: Silicone Alkyd

General Description: A premium quality low VOC silicone alkyd gloss industrial enamel for use on machinery, equipment, piping and tanks. Color and gloss retention superior to conventional alkyd enamels. Free of mercury, lead, and chromate hazards. Dry heat resistant up to 300°F (149°C).

Typical Uses: Ideal for safety equipment and pipe identification. Provides excellent protection to metal surfaces as well as masonry, wood and wallboard. Also used as a trim enamel.

SPECIFICATION DATA

Color: White (877S3501) and custom colors.
Finish: Gloss
Reduction Solvent: T-5 Thinner
Clean-up Solvent: T-5 Thinner
Weight/Gallon: 10.3 lbs./gal. (1.23 kg/L)
VOC (EPA 24): 2.82 lbs./gal. (338 g/L)
Solids By Volume: 58% ± 1
Theoretical Coverage at 1.0 Mil Dry: 930 sq. ft./gal. (22.9 m²/L)
Recommended Film Thickness: 1.5-2.5 mils (38-63 microns) dry - 2.6-4.3 mils (66-109 microns) wet
Systems: Please consult the appropriate system guide, the particular job specification or your ICI Paints Representative for proper systems using this product. Systems must be selected considering the particular environment involved.
Minimum Dry Time (ASTM D 1640): At 2 mils (50 microns) DFT

Substrate Temperature	77°F (25°C)
To Handle	12-18 hours
To Recoat	Overnight

Ventilation, film thickness, humidity, thinning and other factors can influence the rate of dry.
Warning: The above table provides general guidelines only. Always consult your ICI Paints Representative for appropriate recoat windows since the maximum aged recoat time of this product may be significantly shortened or lengthened by a variety of conditions, including, but not limited to humidity, surface temperature, and the use of additives or thinners. The use of accelerators or force curing may shorten the aged recoat of individual coatings. The above recoat windows may not apply if recoating with a product other than those listed above. If the maximum aged recoat window is exceeded, please consult your ICI Paints Representative for appropriate recommendations to enhance adhesion. Failure to observe these precautions may result in intercoat delamination.
Shelf Life: Over 24 months at 77°F (25°C) – unopened

FEATURES

- Advantages:**
- Durable high gloss finish
 - Low VOC
 - Interior or exterior usage
 - Protects against atmospheric corrosion
 - Excellent flow and leveling
 - High hiding
 - Washable and scrubbable
 - Good abrasion resistance
 - Easy application - brush, roll or spray
 - Excellent resistance to grease, oil and water
 - Performance alternate for Federal Specification TT-E-490

Limitations of Use: Do not apply over zinc rich primers. Not recommended for immersion or exposure to solvents or strong chemicals.

PERFORMANCE DATA

Service Temperature Limits: 250°F (121°C) dry
Hardness: (ASTM D 3363, 7 day cure @ 77°F (25°C) - B
Abrasion Resistance: (ASTM D 4060) – Excellent
Elongation: (ASTM D 522, Method B) – Excellent
Salt Spray Resistance: (ASTM B 117) – Good

! DANGER! COMBUSTIBLE. HARMFUL OR FATAL IF SWALLOWED. Read label and Material Safety Data Sheet Prior to Use. See other cautions on last page. DSF2-0790

FINISHES
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DEVCOE COATINGS



DEVCOE COATINGS

FINISHES
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09800

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GENERAL SURFACE PREPARATION

All surfaces must be sound, dry, clean, and free of oil, grease, dirt, mildew, form release agents, curing compounds, efflorescence, loose and flaking paint and other foreign substances.

New Surfaces: Steel - Prime with DEVGUARD™ 4141, 4360, 4140 or 4160 primers. **Galvanized Metal and Aluminum** - Prime with TRU-GLAZE® WB 4030 Waterborne Epoxy, DEV-RAN® 203 Waterborne epoxy or DEV-RAN 205 epoxy primers. **Wood** - Interior, prime with PREP & PRIME™ 1120 alkyd primer. Exterior, spot prime knots with DULUX® Professional 2000 latex primer. Prime entire surface with PREP & PRIME HOUSE 2110 alkyd primer. **Drywall** - Prime with GRIPPER® 3210 latex primer. **Concrete, Plaster and Masonry** - Cure at least 30 days before painting. pH must be 10.0 or lower. Remove laitance and roughen unusually slick poured or pre-cast concrete by acid etching or abrasive sweep blasting. Follow acid manufacturer's application and safety instructions. Rinse thoroughly with water and allow to dry. Remove loose aggregate. Interior, prime with GRIPPER 3210 latex primer. Exterior, prime with latex primer DULUX Professional 2000. For alkaline conditions, use ULTRA-HIDE® 2120. Fill block with BLOXFIL® 4000 or PREP & PRIME 3010 fillers.

Previously Painted Surfaces: Wash to remove contaminants. Rinse thoroughly with water and allow to dry. Dull glossy areas

by light sanding. Remove sanding dust. Remove loose paint. Scrub heavy chalk exterior areas and overhead areas such as eaves with soap and water. All existing mildew must be removed by washing with a solution of 16 oz. (473 ml) liquid household bleach and two oz. (59 ml) non-ammoniated liquid detergent per gallon (3.785 L) of water. Rinse surfaces clean with water and allow to dry for 24 hours. Prime bare areas with primer specified under **New Surfaces**. Prime severely weathered exterior surfaces with PREP & PRIME HOUSE 2110 alkyd primer. Surfaces in good condition generally may be done with one coat. Primer determinations should be based upon local VOC regulations.

WARNING! If you scrape, sand or remove old paint from any surface, 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. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to www.epa.gov/lead.

DIRECTIONS FOR USE

Tinting: Tint only with CHROMA-CHEM® 844 colorants.

Thinning: Thinning is not normally required or desired. However, at extreme environmental conditions, small amounts (5% or less of the solvent on the reverse page may be added depending on local VOC and air quality regulations. Excessive thinning can cause low film thickness, sagging and other film defects.

Mixing: Mix thoroughly before use.

Spreading Rate: Apply at 372-620 sq. ft./gal. (9.2-15.3 m²/L) or 3.5-4.3 mils wet (1.5-2.5 mils dry). Actual coverage may vary depending on substrate and application method. For best hiding, tint primers toward finish coat color. Certain shades of yellow, orange, pink and red may require multiple coats.

Important: Alkyd or oil-based enamels may yellow in time in the absence of light, especially sunlight.

Application: Mix thoroughly before use. May be applied by brush, roll or spray. Brushing and rolling may require multiple coats to achieve correct film thickness and/or hiding. No thinning required. For airless spray use a .013" tip. Adjust pressure as needed. Do not apply in damp weather or when surface or air temperature is below 40°F (4°C). Two coats will provide best durability and uniformity. Surfaces coated with this product may become slippery when wet. For additional slip resistance in areas of pedestrian traffic, add one pound per gallon of coarse pumice or other texturing material.

Dry Time (ASTM D 1640): At 77°F (25°C) and 50% R.H., dries to handle in twelve to eighteen hours, and to recoat overnight. Low temperature, high humidity, thick films or poor ventilation will increase these times.

Clean-up: Clean immediately with mineral spirits or T-5 Thinner.

PRECAUTIONS

DANGER! COMBUSTIBLE LIQUID AND VAPOR. HARMFUL OR FATAL IF SWALLOWED. ASPIRATION HAZARD - CAN ENTER LUNGS AND CAUSE DAMAGE. HARMFUL IF INHALED. MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING DIZZINESS, HEADACHE OR NAUSEA. CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN. NOTICE: Products in this series contain solvents. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. For emergency information call (800) 545-2643. **Note: These warnings encompass the product series. Prior to use, read and follow product-specific MSDS and label information.** Keep away from heat, sparks and flame. **Do not** smoke. Vapors may ignite. Extinguish all flames, burners, stoves, heaters and pilot lights and disconnect all electrical motors and appliances before use and until all vapors are gone. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. If sanding is done, wear a dust mask to avoid breathing of sanding dust. Do not breathe vapors or spray mist. Ensure fresh air entry during application and drying. Avoid contact with eyes and skin. If you experience eye watering, headaches, or dizziness, leave the area. If properly used, a respirator may offer additional protection. Obtain professional advice before using. Close container after each use. **FIRST AID:** In case of skin contact, wash thoroughly with soap and water. If any product remains, gently rub petroleum jelly, vegetable or mineral/baby oil onto skin, then wash again with soap and water. Repeated applications may be needed. Remove contaminated clothing. For eye contact, flush immediately with large amounts of water, for at least 15 minutes. **Obtain emergency medical treatment.** If swallowed, **obtain medical treatment immediately.** If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, get medical help. **KEEP FROM FREEZING.**

DS37-1003

SHIPPING

Flash Point: 100°F (38°C)
Packaging: 1 gallon (3.785L)
5 gallon (18.925L)

Shipping Weight:: 4 - 1 gallon - 45 lbs. (20.4 kg)
5 gallon - 56 lbs. (25.4 kg)

877 (05/07)
Ad Stock #66005B

*CHROMA-CHEM is a Registered Trademark of Degussa GmbH.



Strongsville, Ohio U.S.A.
800-654-2616
www.devcoecoatings.com

LIMITATION OF LIABILITY: To the best of our knowledge, the technical data contained herein are true and accurate at the date of issuance but are subject to change without prior notice. We guarantee our product to conform to the specifications contained therein. WE MAKE NO OTHER WARRANTY OR GUARANTEE OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE. Liability, if any, is limited to replacement of the product or refund of the purchase price. LABOR OR COST OF LABOR AND OTHER CONSEQUENTIAL DAMAGES ARE HEREBY EXCLUDED.

**S-50-C23765 – LETTER OF CLARIFICATION NO. 4
EXTERIOR PAINTING AT THE GEORGE R. BROWN CONVENTION CENTER,
LOCATED AT 1001 AVENIDA DE LAS AMERICAS FOR THE
CONVENTION AND ENTERTAINMENT FACILITIES DEPARTMENT**

REVISED 10/28/2010



**SPRAYMASTER PRO
UNI-GRIP-WB Aquacrylic
Dryfall Flat Primer & Finish**

1280-1200

FINISHES
PAINTING (03900)



Product Description

A unique, premium quality, waterborne acrylic flat dry fog interior coating with very low odor and a noncombustible flash point rating. Features excellent adhesion and resistance to flash rusting when applied to most types of interior ceilings and overhead surfaces such as those in offices, warehouses, stores, hotels, textile mills and industrial plants. May also be used in exterior overhead areas not subject to direct weathering such as covered parking garages, etc. Spray application results in a minimal amount of overspray which dries to a non-adhering dust in approximately a ten foot fall under conditions of moderate humidity and temperature.

Features

- One coat primer and finish
- Resists flash rusting
- Suitable for galvanized decking
- Use on multiple overhead surfaces
- Easy clean-up of overspray
- BRIGHT WHITE, non-yellowing finish
- Low odor
- Excellent adhesion
- Soap and water clean-up
- Resistant to discoloration from mild fumes
- Good moisture resistance

Composition

- Advanced DevCryl Technology Acrylic Resin
- Titanium Dioxide and Extender Pigments
- Not manufactured with lead or mercury containing materials.

ICI
Paints



Specifications

Color:

White (tintable, limit 2 oz/gal)

Finish:

Flat, 1-5 units @ 60°

Reflectance:

92% ± 1%

Clean-up Solvent:

Soap and water

Density:

11.5 lbs/gal (1.38 kg/L)

VOC:

0.22 lbs/gal (27 g/L)

Solids:

Volume - 36% ± 1%

Weight - 54% ± 1%

Practical Coverage:

Apply at 288-385 sq ft/gal (7-9 m²/L). Actual coverage may vary depending on substrate and application method.

Recommended Film Thickness:

4.4-5.9 mils wet - 1.5-2.0 mils dry

Flame Spread Rating:

Class A (0-25) over non-combustible surfaces

Flash Point:

None

Dry Time 77°F (25°C) & 50% RH:

To touch - 15 minutes

To recoat - 2 hours

Dry Fallout distance - 10 feet (3.3 m)

Shelf Life:

1 year minimum - unopened



ICI
Paints

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REVISED 10/28/2010

General Surface Preparation

All surfaces must be sound, dry, clean and free of oil, grease, dirt, mildew, form release agents, curing compounds, loose and flaking paint and other foreign substances.

NEW SURFACES: Steel - Prime with waterborne metal primer 4020 or solventborne metal primer 4160 or 4100. **Galvanized Metal and Aluminum** - Prime with this product. **Preprimed Roof Decking** - Prime with this product. **Concrete and Masonry** - Cure at least 30 days before painting. pH must be 10.0 or lower. Roughen unusually slick poured or precast concrete by acid etching or sandsweeping. Follow acid manufacturer's application and safety instructions. Rinse thoroughly with water and allow to dry. Remove loose aggregate. Prime with this

product. Fill concrete block with latex filler 3010 or 4000. **Drywall** - Prime with this product. **Wood** - Sand smooth and dust clean. Prime with this product.

PREVIOUSLY PAINTED SURFACES: Wash to remove contaminants. Rinse thoroughly with water and allow to dry. Dull glossy areas by light sanding. Remove sanding dust. Remove loose paint. Remove all mildew by washing with a solution of 16 oz (473 mL) liquid household bleach and two oz (59 mL) non-ammoniated liquid detergent per gallon (3.785 L) of water. Rinse surfaces clean with water and allow to dry for 24 hours. Wire brush severe rusty areas and prime these areas with waterborne metal primer 4020 or solventborne metal primer 4160 or 4100. Prime bare areas with primer specified under **NEW SURFACES**.

Directions For Use

TINTING: May be tinted with up to two oz/gal of ICI Colorants.

SPREADING RATE: Apply at 288-385 sq ft/gal (7-9 m²/L) or 4.4-5.9 mils wet (1.5-2.0 mils dry). Allow for normal application losses and surface irregularities. For best hiding, tint primers toward finish coat color. Certain shades of yellow, orange, pink and red may require multiple coats.

APPLICATION: Mix thoroughly before use. Spray only. No thinning required. For airless spray use a .017" tip. Adjust pressure as needed. Do not use the same hose to spray both waterborne and solventborne paints without a thorough cleaning, as gumming may result. Do not apply in damp weather or when surface or air temperature is below 50°F (10°C).

IMPORTANT: Enclosed areas must be ventilated well to minimize excessive moisture build-up during application that can adversely affect dry time, dry fog characteristics and adhesion. For best adhesion maximum film thickness must be less than 4.0 mils dry (12 mils wet).

DRYING TIME: At 77°F (25°C) and 50% R.H., dries to touch in 15 minutes and to recoat in two hours. Dry fallout is 10 feet (3.3 m). Low temperature, high humidity, thick films or poor ventilation will increase these times and dry fallout distances. Therefore, a test application to determine if drying performance is satisfactory for a given application is recommended.

CLEAN-UP: Clean immediately with warm, soapy water. After cleaning, be sure to flush spray equipment with solvent to prevent rusting, following manufacturer's instructions.

Precautions

WARNING! CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. CONTAINS CRYSTALLINE SILICA WHICH CAN CAUSE LUNG CANCER AND OTHER LUNG DAMAGE IF INHALED. CONTAINS MICA WHICH MAY CAUSE PNEUMOCOINOSIS. MAY BE HARMFUL IF SWALLOWED. WHEN TINTED, CONTAINS ETHYLENE GLYCOL WHICH CAN CAUSE SEVERE KIDNEY DAMAGE WHEN INGESTED AND HAS BEEN SHOWN TO CAUSE BIRTH DEFECTS IN LABORATORY ANIMALS. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN. For emergency information call (800) 545-2643. If sanding is done, wear a dust mask to avoid breathing of sanding dust. Do not breathe vapors or spray mist. If you experience eye watering, headaches, or dizziness, leave the area. If properly used, a respirator may offer additional protection. Obtain professional advice before using. Close container after each use. **FIRST AID:** In case of skin contact, wash off quickly with plenty of soap and water, remove contaminated clothing. For eye contact flush immediately with large amounts of water, for at least 15 minutes. **Obtain emergency medical treatment.** If swallowed, obtain medical treatment immediately. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, **get medical help.,KEEP FROM FREEZING.** Note: These warnings encompass the product series. Prior to use, read and follow product-specific MSDS and label information.

05111-0797

Shipping

FREIGHT CLASSIFICATION:
Paint, Freezable

PACKAGING:
5 gallons (18.925 L)
53 gallons (200.605 L)

FLASH POINT:
None



ICI Paints, 925 Euclid Ave., Cleveland, Ohio 44115 1-800-984-5444 www.icipaintsstores.com

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