

7/29/08

Drew Swenson.

Drew,

Here are the documents +
Scope of work for Ocean
Gateway. Please let me know
if you need anything else

Lu

Peerless Painting



Painting, Wall Covering & Design

196 GRAY ROAD • FALMOUTH, MAINE 04105 • (207) 878-0404 • (207) 878-0401

Project Outline and Scope of Work
Ocean Gateway Garage
Portland, ME

29 July 2008

Surface Preparation-

The concrete masonry units (CMU) is to be coated twice with Sherwin-Williams' Loxon XP Masonry Coating using an airless spray and backroll method of application. The advantage to this type of application is that it is more aggressive in filling and leveling the surface of the substrate, and achieving the required mil thickness for maximum performance and longevity. These base coats will be tinted to an intermediate hue found in the sepia tints of the photo image. This will allow the art staff to fade/feather the edges of the overall image on the top and sides instead of having to create a "picture frame" effect which we feel is not wholly desirable. The bottom 10' vertical of the full width will have little or none of the artwork on it; perhaps a suggestion of the continuation of the shapes and elements at the bottom of the photo, in anticipation of the need to paint over any graffiti or vandalism as part of the ongoing maintenance of the building.

The Image- We are presenting only a portion of M.D.Hanson's photograph. In that light, we would like to incorporate as many of the vessels as possible in the portion selected as whole vessels, therefore it may be necessary to adjust their location to maximize their visibility. No variations will be made to the vessels themselves.

Image Preparation-

The wall surface will then be divided into a grid of sufficient scale that the art team can establish image benchmarks from which to start the layout. These benchmarks most likely will include horizon and shore lines, and anchoring structures such as the gazebo.

Background Elements-

Establish the hues and textures of the 2 most significant elements-sky and water- and begin to place the vessels, the Fort, and the Islands into those parts of the image.

Refining the image-

Using a smaller-scaled grid system within the quadrants already in place, begin to detail, in hue and element, the finer portions of the image.



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While the Loxon XP will be the primary material used to create the image, additional universal tints may be combined with the product in order to produce the shading and toning required. These tints are entirely compatible with the product. We will be using flat finishes throughout, and every care will be taken to eliminate the potential for glare, which would interfere with the appearance of the finished image.

102.31

LOXON® XP

WATERPROOFING SYSTEM

A24 SERIES

SHERWIN
WILLIAMS.**SURFACE PREPARATION**

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and clean up. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Scrape and sand and peeled or checked paint to a smooth surface. Sand glossy surfaces dull. Seal stains from water, smoke, ink, pencil grease, etc. with the appropriate Prep Seal® Primer.

Concrete, CMU, Stucco

Remove all dirt, dust, mildew, loose particles, efflorescence, foreign material, peeling and ineffective coatings, chalk, form release agents, moisture curing membranes, etc.

On form and poured-in-place concrete, commercial detergents and sandblasting may be necessary to remove sealers, release compounds, and to provide an interior pattern.

Allow the surface to dry thoroughly.

Sand glossy surfaces dull.

Concrete and mortar must be cured at least 7 days at 75°F.

Fill pinholes, air pockets, cracks, and other voids with ConSeal™ Sealant or Patch.

Rough surfaces can be filled to provide a smooth surface.

SURFACE PREPARATION

Sealing and Patching—After cleaning the surface thoroughly, prime any bare surface with Loxon XP, apply ConSeal Sealant or Patch if needed, allow to dry, then topcoat.

To improve the performance consider:

- Use caution when preparing the substrate to create a uniform surface.
- Cracks, crevices, and through-wall openings must be patched using ConSeal Sealant or Patch.
- Fill voids and openings around window and doors using ConSeal Sealant or Patch.
- Stripe coat all inside and outside corners and edges with 1 coat of Loxon XP coating.

APPLICATION

For proper waterproofing performance and to resist alkalies, 2 coats of the coating MUST be applied between 14.0 -18.0 mils wet per coat.

Apply at temperatures between 50°F and 100°F. **Do not reduce.**

Brush - Use a nylon/polyester brush.

Roller - Use a ½" to 1½" nap synthetic roller cover.

Spray—Airless

Pressure, minimum2300 psi

Tip, minimum021"

The substrate and its condition will determine the application procedure. Considerations to minimize pinholes:

- 2 coat application with overnight drying between coats
- Spray application with backrolling
- Power rolling

CLEANUP INFORMATION

Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.

CAUTIONS

For exterior use only.

Protect from freezing.

Non-photochemically reactive.

Not for use on horizontal surfaces (floors, roofs, decks, etc.) where water will collect.

Not for use below grade. Will not withstand hydrostatic pressure.

CAUTION contains CRYSTALLINE SILICA and ZINC. Use only with adequate ventilation. To avoid overexposure, 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, or wear respiratory protection (NIOSH approved) or leave the area. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.** Abrading or sanding of the dry film may release crystalline silica which has been shown to cause lung damage and cancer under long term exposure. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**
HOTW 12/07/2007 A24W00451 09 00

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Sheet.

Section 1

DATE OF PREPARATION

Health
Flammability
Reactivity

0
0
0

PROJECT NUMBER

01-JUL-08

AW451

PROJECT NAME

CON XP™ Waterproofing Masonry Coating, Extra White

MANUFACTURER'S NAME

SHERWIN-WILLIAMS COMPANY
1 Prospect Avenue N.W.
Cleveland, OH 44115

TELEPHONE NUMBERS and WEBSITES

Product Information

www.sherwin-williams.com

Regulatory Information

(216) 566-2902

Medical Emergency

(216) 566-2917

Transportation Emergency

(800) 424-9300

www.paintdocs.com

for Chemical Emergency ONLY (spill, leak,
fire, exposure, or accident)

Section 2 --		COMPOSITION/INFORMATION ON INGREDIENTS			VAPOR PRESSURE
% WT	CAS No.	INGREDIENT	UNITS		
8	14808-60-7	Quartz	ACGIH TLV	0.025	mg/m3 as Resp. Dust
			OSHA PEL	0.1	mg/m3 as Resp. Dust
0.1	14464-46-1	Cristobalite	ACGIH TLV	0.025	mg/m3 as Resp. Dust
			OSHA PEL	0.05	mg/m3 as Resp. Dust
3	12001-26-2	Mica	ACGIH TLV	3	mg/m3 as Resp. Dust
			OSHA PEL	3	mg/m3 as Resp. Dust
13	13463-67-7	Titanium Dioxide	ACGIH TLV	10	mg/m3 as Dust
			OSHA PEL	10	mg/m3 Total Dust
			OSHA PEL	5	mg/m3 Respirable Fraction
2	1314-13-2	Zinc Oxide	ACGIH TLV	10	mg/m3 as Dust
			OSHA PEL	10	mg/m3 Total Dust
			OSHA PEL	5	mg/m3 Respirable Fraction

Section 3 -- HAZARDS IDENTIFICATION

NOTES OF EXPOSURE

INHALATION of vapor or spray mist.

EYE or SKIN contact with the product, vapor or spray mist.

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EFFECTS OF OVEREXPOSURE**EYES:** Irritation.**SKIN:** Prolonged or repeated exposure may cause irritation.**INHALATION:** Irritation of the upper respiratory system.

In a confined area vapors in high concentration may cause headache, nausea or dizziness.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None generally recognized.

CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

Section 4 -- FIRST AID MEASURES**EYES:** Flush eyes with large amounts of water for 15 minutes.
Get medical attention.**SKIN:** Wash affected area thoroughly with soap and water.
Remove contaminated clothing and launder before re-use.**INHALATION:** If affected, remove from exposure. Restore breathing.
Keep warm and quiet.**INGESTION:** Do not induce vomiting.
Get medical attention immediately.**Section 5 -- FIRE FIGHTING MEASURES****FLASH POINT**

Not Applicable

LEL

N.A.

UEL

N.A.

FLAMMABILITY CLASSIFICATION

Not Applicable

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Alcohol Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat.

During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used.

Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 -- ACCIDENTAL RELEASE MEASURES**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Remove all sources of ignition. Ventilate the area.

Remove with inert absorbent.

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Section 7 -- HANDLING AND STORAGE

STORAGE CATEGORY

Not Applicable

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation.

Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.

Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m³ (total dust), 3 mg/m³ (respirable fraction), OSHA PEL 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES

Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

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 Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT	11.40 lb/gal	1366 g/l
SPECIFIC GRAVITY	1.37	
BOILING POINT	212 - 500 F	100 - 260 C
MELTING POINT	Not Available	
RELATIVE VOLUME	52 %	
EVAPORATION RATE	Slower than ether	
VAPOR DENSITY	Heavier than air	
SOLUBILITY IN WATER	N.A.	
FLASH POINT	9.0	
FLAMMABLE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)		
0.40 lb/gal	48 g/l	Less Water and Federally Exempt Solvents
0.20 lb/gal	24 g/l	Emitted VOC

 Section 10 -- STABILITY AND REACTIVITY

STABILITY -- Stable

CONDITIONS TO AVOID

None known.

INCOMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION

Will not occur

 Section 11 -- TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS

Crystalline Silica (Quartz, Cristobalite) is listed by IARC and NTP. Long term exposure to high levels of silica dust, which can occur only when sanding or abrading the dry film, may cause lung damage (silicosis) and possibly cancer.

IARC's Monograph No. 93 reports there is sufficient evidence of carcinogenicity in experimental rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint."

TOXICOLOGY DATA

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CAS No.	Ingredient Name				
14-08-60-7	Quartz	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
14-64-46-1	Cristobalite	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
13-01-26-2	Mica	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
13-63-67-7	Titanium Dioxide	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
14-13-2	Zinc Oxide	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available

Section 12 -- ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

No data available.

Section 13 -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 -- TRANSPORT INFORMATION

US Ground (DOT)

Not Regulated for Transportation.

Canada (TDG)

Not Regulated for Transportation.

IMO

Not Regulated for Transportation.

Section 15 -- REGULATORY INFORMATION

SARF 113 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
	Zinc Compound	2	1.7

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CALIFORNIA PROPOSITION 65

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

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 -- OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.