

ADDENDUM NO. 1
September 10, 2024

PROJECT: CITY OF AZLE
ELEVATED TANK REHABILITATION

BID DATE: September 12, 2024

The following changes and/or additions shall be made to the Plans, Specifications, and Contract Documents for the above referenced project. Bidder shall acknowledge receipt of this Addendum by signing below and returning this Addendum with the Bid.

- 1) **The attached REVISED BID SCHEDULE shall be used. An item for grounding of the tank has been added.**

- 2) **The attached Sherwin Williams paint products shall be considered as an acceptable equal for the interior painting of the tank.**

- 3) **The tank legs are not intended to be raised. Specification Item 13 07 02, 3.2.2 shall be disregarded.**

Bidder's Acknowledgment

Date

Prepared by:

JACOB | MARTIN
TBPE Firm No. 2448

CITY OF AZLE, TEXAS
0.5 MG ELEVATED TANK REHABILITATION
REVISED BASE BID SCHEDULE

Show prices in numerals. Round off unit prices to two decimal places only.

These Bid Prices must include all labor, materials, equipment, insurance, overhead, superintendence, transportation, taxes, permits, profits & incidentals to cover the finished Work called for in the Contract Documents.

For all Labor, Materials, Equipment and Incidentals to Furnish and Install the Following:

Bid Item	Description	Est. Qty.	Unit	Unit Price	Extended Amount
1	Repair foundations including excavating, cleaning, repairing and sealing per the Plans and Specifications	1	LS	\$	\$
2	Replace exterior ladder with guardrails and standoffs at 10' intervals, anticlimb devicer, and cable type safety climb	1	LS	\$	\$
3	Replace interior primary access ladder with standoffs at 10' intervals and cable type safety climb	1	LS	\$	\$
4	Install interior secondary access ladder with standoffs at 10' intervals and cable type safety climb	1	LS	\$	\$
5	Replace shell to knuckle roof access ladder with standoffs at 10' intervals and cable type safety climb	1	LS	\$	\$
6	Install riser cone access ladder	1	LS	\$	\$
7	Install OSHA Compliant Handrail on Tank Roof	1	LS	\$	\$
8	Adjust windage rods to manufacturer's recommendations	1	LS	\$	\$
9	Recoat interior of tank, added appurtenances, and affected areas according to the Plans & Specifications	1	LS	\$	\$
10	Tank Grounding (per the electrical plans and specifications)	1	LS	\$	\$
11	Owner's Allowance (25% of Items 1-9)	1	LS	\$	\$
TOTAL BASE BID (Items 1 - 11)					\$

CITY OF AZLE, TEXAS
0.5 MG ELEVATED TANK REHABILITATION
REVISED DEDUCTIBLE ALTERNATE BID SCHEDULE

Show prices in numerals. Round off unit prices to two decimal places only.

These Bid Prices must include all labor, materials, equipment, insurance, overhead, superintendence, transportation, taxes, permits, profits & incidentals to cover the finished Work called for in the Contract Documents.

For all Labor, Materials, Equipment and Incidentals to Furnish and Install the Following:

Bid Item	Description	Est. Qty.	Unit	Unit Price	Extended Amount
D1	Deduct replace exterior ladder with guardrails and standoffs at 10' intervals, anticlimb devicer, and cable type safety climb	1	LS	\$	\$
D2	Deduct replace interior primary access ladder with standoffs at 10' intervals and cable type safety climb	1	LS	\$	\$
D3	Deduct install interior secondary access ladder with standoffs at 10' intervals and cable type safety climb	1	LS	\$	\$
D4	Deduct replace shell to knuckle roof access ladder with standoffs at 10' intervals and cable type safety climb	1	LS	\$	\$
D5	Deduct Install OSHA Compliant Handrail on Tank Roof	1	LS	\$	\$
D6	Deduct Tank Grounding	1	LS	\$	\$
TOTAL ALTERNATE BID (Items D1 - D6)					\$



9/5/24

The Sherwin-Williams Company
Protective and Marine Group
2100 Lakeside Blvd
Richardson, TX 75082

Project: City of Azle- Elevated Tank Rehabilitation
Engineer: Jacob Martin
Owner: City of Azle

Derek,

This letter is in reference to the City of Azle- Elevated Tank Rehabilitation.

The products submitted herein by Sherwin-Williams are the products Sherwin-Williams considers to be the equivalent of those listed in the specification. Sherwin-Williams has confidence in the coatings we are submitting and are willing to provide test data and case histories for the products listed in this submittal.

Each of the coatings listed herein are manufactured by the Sherwin-Williams Company at one of our ISO 9000 manufacturing plants. Each of the coatings submitted herein are VOC compliant. Each of the coatings listed below have a proven track record throughout the state of Texas and the United States.

If any of the parties involved in this project have any questions concerning this submittal, they are encouraged to contact me at 214-914-8819 or via email at kevin.m.berry@sherwin.com.

Thank you for considering Sherwin-Williams coatings.

Respectfully,

Kevin Berry

Kevin Berry
The Sherwin Williams Company
Protective and Marine Group
Protective Coatings Representative
AMPP (NACE) CIP Level 2 Certified #107701
Cell: 214-914-8819
Email: kevin.m.berry@sherwin.com



SHERWIN-WILLIAMS
Protective & Marine Coatings

PROJECT

City of Azle- Elevated Tank Rehabilitation

Engineer

Jacob Martin

Owner

City of Azle

General Contractor

Coatings Contractor

Prepared By

Kevin Berry

Protective and Marine Coatings

Protective Coatings Specialist

The Sherwin-Williams Company

NACE Coatings Inspector Level 2- Certified #107701

Cell# 214-914-8819

Email: kevin.m.berry@sherwin.com



PROJECT
City of Azle- Elevated Tank Rehabilitation

Section 2.4 - Tank Interior Coating System

- Ferrous Metals– Interior Submerged
 1. Surface Preparation: SSPC-SP10, 2-3 mil angular profile
 2. Stripe Coat: Sherwin Williams SherPlate 600
 3. First Coat: Sherwin-Williams SherPlate 600 (4.0-6.0 mils DFT)
 4. Second Coat: Sherwin-Williams Sher-Plate 600 (4.0-6.0 mils DFT)

Total dry film thickness minimum 10.5 mils

End of Section



Protective & Marine Coatings



NSF/ANSI/CAN 61
Meets Health Effects Requirements of
NSF/ANSI/CAN 600

SHERPLATE 600

PART A B58-680 **SERIES**
PART B B58V680 **STANDARD HARDENER**
PART B B58V681 **LOW TEMP HARDENER**

Revised: July 31, 2024

PRODUCT INFORMATION

TRM.120

PRODUCT DESCRIPTION

SHERPLATE 600 is an innovative, potable water epoxy lining certified through UL in accordance with NSF/ANSI/Can Std.61 and the extractions requirements of NSF/ANSI/CAN 600 for potable water tanks greater than 50 gallons and Pipe ID greater than or equal to 12 inches.

- 90% volume solids phenalkamide epoxy increases efficiencies in shop applications and on job sites
- Formulated with highest performing edge protection per MIL-PRF-23236
- PFAS, HAPs, and silica free formulation offers industry leading environmental sustainability for the life of the coating system

PRODUCT CHARACTERISTICS

Finish: Gloss
Color: White, Red, Beige, and Blue
Volume Solids: 89% ± 2%, mixed
VOC (EPA Method 24): <100 g/L; 0.8 lbs/gal, mixed
Mix Ratio: 4A:1B, by volume

Recommended Spreading Rate per coat:

	Minimum	Maximum
Wet mils (microns)	4.0 (100)	20.0 (500)
Dry mils (microns)	3.0 (75)	18.0 (450)
~Coverage sq ft/gal (m²/L)	80 (2.0)	476 (11.7)
Theoretical coverage sq ft/gal (m²/L) @ 1 mil / 25 microns dft	1428 (35)	

Drying Schedule @ 8.0 mils wet (200 microns):

	@ 50°F/10°C	@ 77°F/25°C	@ 100°F/38°C
<i>with B58V680:</i>	50% RH	50% RH	50% RH
To touch:	4 hours	3 hours	2 hours
To handle:	14 hours	9 hours	3 hours
To recoat:			
minimum:	12 hours	4 hours	2 hours
maximum:	30 days	30 days	30 days
To cure:	7 days	7 days	5 days

If maximum recoat time is exceeded, abrade surface before recoating. Drying time is temperature, humidity, and film thickness dependent.

Pot Life: 2-3 hours 65-85 minutes 20-25 minutes

Sweat-in-Time: None required

	@ 35°F/1.7°C	@ 50°F/10°C	@ 77°F/25°C
<i>with B58V681:</i>	50% RH	50% RH	50% RH
To touch:	6 hours	3 hours	2 hours
To handle:	12.5 hours	9 hours	7 hours
To recoat:			
minimum:	12 hours	8 hours	4 hours
maximum:	30 days	30 days	30 days
To cure:	10 days	7 days	5 days

If maximum recoat time is exceeded, abrade surface before recoating. Drying time is temperature, humidity, and film thickness dependent.

Pot Life: n/a 60-80 minutes 30-45 minutes

Sweat-in-Time: None required

PRODUCT CHARACTERISTICS (CONT'D)

Shelf Life: Part A: 3 years, unopened
Part B: 2 years, unopened
Store indoors at 40°F (4.5°C) to 110°F (43°C).

Flash Point: 118°F (48°C), PMCC or SETA

Reducer*: VOC Restricted Areas (≤100 g/L): use R6K9 (Acetone) up to 5% by volume

Clean Up: MEK or Acetone

*Other areas (>100 g/L): use R6K9 (Acetone) or R6K116 (Butyl Acetate). Choose a reducer that is compliant in your area. Confirm compliance with state and local air quality rules before use.

RECOMMENDED USES

Potable Water Storage Tank and Vessel Lining:

- AWWA D102 Inside Coating System #1, #2, #5, #6
- Tank size greater than 50 gallons
- Minimum two coats, Maximum 24 mils (600 microns) dft

Potable Water Storage Tank and Vessel Ext. Coating:

- AWWA D102 Outside Coating System #5 & #6

Steel or Ductile Iron Buried or Above Grade Pipe Lining:

- AWWA C210-18

Sherplate 600 is suitable for concrete, masonry, steel, ductile iron, and previously coated surfaces. Buried, exposed to view, or in immersion service.

PERFORMANCE CHARACTERISTICS

Substrate*: Steel

Surface Preparation*: SSPC-SP6/NACE 3

Test Name	Test Method	Results
Abrasion Resistance³	ASTM D4060, 1000 cycles	154 mg loss
Adhesion	ASTM D4541	3000+ psi ³ 2400+ psi ⁴
Cathodic Disbondment³	ASTM G8 @ 77°F/25°C	7 mm
Direct Impact Resistance³	ASTM D2794	>34 in/lbs
Dry Heat Resistance³	ASTM D2485	250°F (121°C)
Edge Retention	MIL-PRF-23236C, Appendix A	Pass: >70%
Flexibility³	ASTM D522, 180° bend, 3/8" mandrel	Pass
Salt Fog Resistance	ASTM B117	1,500 hours 10/10/7 ³
		1,000 hours 10/10/9 ⁴

³System tested (Report No. PMDEV2018-4152):
1 ct. Sherplate 600 @ 5.0-10.0 mils (125-250 microns) dft
1 ct. Sherplate 600 @ 5.0-10.0 mils (125-250 microns) dft

⁴System tested (Report No. PMDEV2018-4152):
1 ct. Sherplate 600 @ 5.0-10.0 mils (125-250 microns) dft
1 ct. Sher-Loxane 800 @ 4.0-6.0 mils (100-150 microns) dft



Protective & Marine Coatings



NSF/ANSI/CAN 61
Meets Health Effects Requirements of
NSF/ANSI/CAN 600

SHERPLATE 600

PART A B58-680 **SERIES**
PART B B58V680 **STANDARD HARDENER**
PART B B58V681 **LOW TEMP HARDENER**

Revised: July 31, 2024

PRODUCT INFORMATION

TRM.120

RECOMMENDED SYSTEMS

	Dry Film Thickness / ct.	
	Mils	(Microns)
Immersion, Steel:		
*AWWA D102: Inside Coating System No. 1		
1 ct. Sherplate 600	3.0	(75)
1 ct. Sherplate 600	5.0	(125)
*AWWA D102: Inside Coating System No. 2		
1 ct. Sherplate 600	3.0	(75)
1 ct. Sherplate 600	4.0	(100)
1 ct. Sherplate 600	5.0	(125)
*AWWA D102: Inside Coating System No. 5		
1 ct. Corothane I Galvapac	2.5	(63)
2 cts. Sherplate 600	4.0	(100)
*AWWA D102: Inside Coating System No. 6		
1 ct. Corothane I Galvapac	2.5	(63)
1 ct. Sherplate 600	10.0-18.0	(250-450)
Atmospheric, Steel:		
*AWWA D102: Outside Coating System No. 5		
1 ct. Sherplate 600	2.5	(63)
1 ct. Sherplate 600	2.0	(50)
1 ct. Acrolon 218 HS	2.0	(50)
*AWWA D102: Outside Coating System No. 6		
1 ct. Corothane I GalvaPac	2.5	(63)
1 ct. Sherplate 600	2.0	(50)
1 ct. Acrolon 218 HS	2.0	(50)
Concrete/Masonry, smooth:		
2 cts. Sherplate 600	6.0-9.0	(150-225)

*Refer to UL.com for dft restrictions

The systems listed above are representative of the product's use, other systems may be appropriate.

SAFETY PRECAUTIONS

Refer to the SDS sheet before use.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

DISCLAIMER

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 Information and Application Bulletin.

SURFACE PREPARATION

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

Refer to product Application Bulletin for detailed surface preparation information.

Minimum recommended surface preparation:

Iron & Steel:
Atmospheric: SSPC-SP2/3/ ISO8501-1:2007 St2, 2-3 mil (50-75 micron) profile
Immersion: SSPC-SP10/NACE 2/ ISO8501-1:2007 St2.5, 2-3 mil (50-75 micron) profile

Aluminum/Galvanizing: Atmospheric: SSPC-SP1

Concrete & Masonry: Atmospheric: SSPC-SP13/NACE 6, or ICRI No. 310.2R CSP 2-4

Ductile Iron Pipe: Buried and Immersion Service, Fittings: See Surface Preparations on Page 3

Surface Preparation Standards

Condition of Surface	ISO 8501-1 BS7079:A1	Swedish Std. SIS055900	SSPC	NACE
White Metal	Sa 3	Sa 3	SP 5	1
Near White Metal	Sa 2.5	Sa 2.5	SP 10	2
Commercial Blast	Sa 2	Sa 2	SP 6	3
Brush-Off Blast	Sa 1	Sa 1	SP 7	4
Hand Tool Cleaning	C St 2	C St 2	SP 2	-
Pitted & Rusted	D St 2	D St 2	SP 2	-
Rusted	C St 3	C St 3	SP 3	-
Pitted & Rusted	D St 3	D St 3	SP 3	-

TINTING

Do not tint.

APPLICATION CONDITIONS

Temperature:

Air & Surface*: 35°F (1.7°C) minimum, 120°F (49°C) maximum

Material:** 40°F (4.5°C) minimum, 120°F (49°C) maximum

*Standard hardener can be applied between 50°F (10°C) and 120°F (49°C). Low temperature hardener can be applied between 35°F (1.7°C) and 80°F (27°C).

**When using standard hardener, optimal material temperature is 75°F-85°F (24°C-29°C). When using low temp hardener, optimal material temperature is 70°F-80°F (21°C-27°C). Material is best applied when material temperature is below 85°F (29°C). Avoid staging or storing material in direct sunlight before or during application. Avoid material temperatures above 85°F (29°C).

At least 5°F (2.8°C) above dew point.

Relative humidity: 85% maximum

Refer to product Application Bulletin for detailed application information.

ORDERING INFORMATION

Packaging

Part A: ~3.8 gallon (14.4L) filled pails
 Part B: ~0.95 gallon (3.6L) filled cans

Weight:

12.00 ± 0.3 lb/gal ; 1.4 Kg/L, mixed may vary by color

WARRANTY

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.



Protective & Marine Coatings



NSF/ANSI/CAN 61
Meets Health Effects Requirements of
NSF/ANSI/CAN 600

SHERPLATE 600

PART A B58-680 **SERIES**
PART B B58V680 **STANDARD HARDENER**
PART B B58V681 **LOW TEMP HARDENER**

Revised: July 31, 2024

APPLICATION BULLETIN

TRM.120

SURFACE PREPARATIONS

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

Iron & Steel (atmospheric service)

Minimum surface preparation is Commercial Blast Cleaning per SSPC-SP6/NACE 3 or SSPC-SP12/NACE No. 5. For surfaces prepared by SSPC-SP6/NACE 3, first remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1. For better performance, use Near White Metal Blast Cleaning per SSPC-SP10/NACE 2. Blast clean all surfaces using a sharp, angular abrasive for optimum surface profile (2-3 mils / 50-75 microns). For surfaces prepared by SSPC-SP12/NACE No. 5, all surfaces shall be cleaned in accordance with WJ-3/SC2. Pre-existing profile should be approximately 2 mils (50 microns). Prime any bare steel the same day as it is cleaned or before flash rusting occurs.

Iron & Steel (immersion service)

Remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1. Minimum surface preparation is Near White Metal Blast Cleaning per SSPC-SP10/NACE 2, or SSPC-SP12/NACE No. 5. For SSPC-SP10/NACE 2, blast clean all surfaces using a sharp, angular abrasive for optimum surface profile (2-3 mils / 50-75 microns). For SSPC-SP12/NACE No. 5, all surfaces to be coated shall be cleaned in accordance with WJ-2/SC2 standards. Pre-existing profile should be approximately 2 mils (50 microns). Remove all weld spatter. Prime any bare steel the same day as it is cleaned or before flash rusting occurs.

Aluminum

Remove all oil, grease, dirt, oxide and other foreign material by Solvent Cleaning per SSPC-SP1.

Galvanized Steel

Allow to weather a minimum of six months prior to coating. Solvent Clean per SSPC-SP1. When weathering is not possible, or the surface has been treated with chromates or silicates, first Solvent Clean per SSPC-SP1 and apply a test patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP16 is necessary to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2, prime the area the same day as cleaned or before flash rusting occurs.

Concrete and Masonry

For surface preparation, refer to SSPC-SP13/NACE 6, or ICRI No. 310.2R, CSP 2-4. Surfaces should be thoroughly clean and dry. Concrete and mortar must be cured at least 28 days @ 75°F (24°C). Remove all loose mortar and foreign material. Surface must be free of laitance, concrete dust, dirt, form release agents, moisture curing membranes, loose cement and hardeners. Fill bug holes, air pockets and other voids with Steel-Seam FT910. For surface preparation of Concrete, Immersion Service, refer to SSPC-SP13/NACE 6, Section 4.3.1 or 1.3.2 or ICRI No. 310.2R, CSP 2-3.

Ductile Iron Pipe (DIP) listed per NAF 500.03

Ductile Iron Pipe, Atmospheric Service

Minimum surface preparation is Power Tool NAF 500-03-03. Remove all oil and grease from surface by Solvent Cleaning per NAF 500-03-01.

Ductile Iron Pipe, Buried and Immersion Service

Minimum surface preparation is Abrasive Blast Cleaning per NAF 500-03-04. Ductile iron pipe external surfaces, in some cases, can be damaged by excessive abrasive blast cleaning beyond this standard. Remove all oil and grease from surface by Solvent Cleaning per NAF 500-03-01.

Ductile Iron Fittings

Minimum surface preparation is Abrasive Blast Cleaning of Cast Ductile Iron Fittings per NAF 500-03-05. Remove all oil and grease from surface by Solvent Cleaning per NAF 500-03-01.

Follow the standard methods listed below when applicable:

ASTM D4258 Standard Practice for Cleaning Concrete.
 ASTM D4259 Standard Practice for Abrading Concrete.
 ASTM D4260 Standard Practice for Etching Concrete.
 ASTM F1869 Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete.
 SSPC-SP 13/Nace 6 Surface Preparation of Concrete.
 ICRI No. 310.2R Concrete Surface Preparation.

Surface Preparation Standards

Condition of Surface	ISO 8501-1 BS7079:A1	Swedish Std. SIS055900	SSPC	NACE
White Metal	Sa 3	Sa 3	SP 5	1
Near White Metal	Sa 2.5	Sa 2.5	SP 10	2
Commercial Blast	Sa 2	Sa 2	SP 6	3
Brush-Off Blast	Sa 1	Sa 1	SP 5	4
Hand Tool Cleaning	CSa 2	CSa 2	SP 2	-
Pitted & Rusted	CSa 2	CSa 2	SP 2	-
Rusted	CSa 3	CSa 3	SP 3	-
Power Tool Cleaning	CSa 3	CSa 3	SP 3	-
Pitted & Rusted	CSa 3	CSa 3	SP 3	-

APPLICATION CONDITIONS

Temperature:

Air & Surface*: 35°F (1.7°C) minimum, 120°F (49°C) maximum

Material**: 40°F (4.5°C) minimum, 120°F (49°C) maximum

*Standard hardener can be applied between 50°F (10°C) and 120°F (49°C). Low temperature hardener can be applied between 35°F (1.7°C) and 80°F (27°C).

**When using standard hardener, optimal material temperature is 75°F-85°F (24°C-29°C). When using low temp hardener, optimal material temperature is 70°F-80°F (21°C-27°C). Material is best applied when material temperature is below 85°F (29°C). Avoid staging or storing material in direct sunlight before or during application. Avoid material temperatures above 85°F (29°C).

At least 5°F (2.8°C) above dew point.

Relative humidity: 85% maximum

APPLICATION EQUIPMENT

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Reducer* VOC Restricted Areas (≤100 g/L): use R6K9 (Acetone) up to 5% by volume
Clean Up MEK or Acetone

*Other areas (>100 g/L): use R6K9 (Acetone) or R6K116 (Butyl Acetate). Choose a reducer that is compliant in your area. Confirm compliance with state and local air quality rules before use.

Airless Spray:

Pump 60:1
 Hose 3/8" with 1/4" whip
 Pressure Optimal spray pressure is 3,500-4,500 psi
 Tip 0.017"-0.023"
 Filter 250 micron
 Reduction up to 5% by volume if necessary

Brush

Brush China Bristle
 Reduction up to 5% by volume if necessary

Roller

Cover 3/8" woven with solvent resistant core
 Reduction up to 5% by volume if necessary

If specific application equipment is not listed above, equivalent equipment may be substituted.



Protective & Marine Coatings



NSF/ANSI/CAN 61
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SHERPLATE 600

PART A B58-680 **SERIES**
PART B B58V680 **STANDARD HARDENER**
PART B B58V681 **LOW TEMP HARDENER**

Revised: July 31, 2024

APPLICATION BULLETIN

TRM.120

APPLICATION PROCEDURES

Surface preparation must be completed as indicated.

Mixing Instructions: Mix contents of each component thoroughly using low speed power agitation. Make certain no pigment remains on the bottom or the sides of the can. Then combine four parts by volume of Part A with one part by volume of Part B. Thoroughly agitate the mixture with power agitation.

To ensure that no unmixed material remains on the sides or bottom of the cans after mixing, visually observe the container by pouring the material into a separate container.

Apply paint at the recommended film thickness and spreading rate as indicated below:

Recommended Spreading Rate per coat:

	Minimum	Maximum
Wet mils (microns)	4.0 (100)	20.0 (500)
Dry mils (microns)	3.0 (75)	18.0 (450)
~Coverage sq ft/gal (m ² /L)	80 (2.0)	476 (11.7)
Theoretical coverage sq ft/gal (m ² /L) @ 1 mil / 25 microns dft	1428 (35)	

Drying Schedule @ 8.0 mils wet (200 microns):

	@ 50°F/10°C	@ 77°F/25°C	@ 100°F/38°C
<i>with B58V680:</i>	50% RH	50% RH	50% RH
To touch:	4 hours	3 hours	2 hours
To handle:	14 hours	9 hours	3 hours
To recoat:			
minimum:	12 hours	4 hours	2 hours
maximum:	30 days	30 days	30 days
To cure:	7 days	7 days	5 days

If maximum recoat time is exceeded, abrade surface before recoating. Drying time is temperature, humidity, and film thickness dependent.

Pot Life:	2-3 hours	65-85 minutes	20-25 minutes
Sweat-in-Time:	None required		

	@ 35°F/1.7°C	@ 50°F/10°C	@ 77°F/25°C
<i>with B58V681:</i>	50% RH	50% RH	50% RH
To touch:	6 hours	3 hours	2 hours
To handle:	12.5 hours	9 hours	7 hours
To recoat:			
minimum:	12 hours	8 hours	4 hours
maximum:	30 days	30 days	30 days
To cure:	10 days	7 days	5 days

If maximum recoat time is exceeded, abrade surface before recoating. Drying time is temperature, humidity, and film thickness dependent.

Pot Life:	n/a	60-80 minutes	30-45 minutes
Sweat-in-Time:	None required		

Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.

DISCLAIMER

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 Information and Application Bulletin.

PERFORMANCE TIPS

Stripe coat all crevices, welds and sharp angles to prevent early failure in these areas.

When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. If necessary, cross spray at a right angle.

Spreading rates are calculated on volume solids and do not include an application loss factor due to surface profile, roughness or porosity of the surface, skill and technique of the applicator, method of application, various surface irregularities, material lost during mixing, spillage, overthinning, climatic conditions, and excessive film build.

Do not apply the material beyond recommended pot life.

In order to avoid blockage of spray equipment, clean equipment before use or before periods of extended downtime with MEK.

Avoid excessive triggering of the airless spray gun.

Maintain a 20-24" distance between the airless spray gun and substrate at a 90° angle.

Excessive heat will reduce the pot life of Sherplate 600 and could affect application characteristics.

Can be used for stripe coat under SherPlate PW or Dura-Plate UHS.

Epoxy coatings may darken or yellow following application and curing.

Proper Tip, hose and pump configuration is important to overall application characteristics. Pressure will drop between the pump and the gun depending on tip size, hose length, number of guns, and hose size. Recommended pressures should be measured at tip or as close to the tip as safely possible.

Refer to Product Information sheet for additional performance characteristics and properties.

CLEAN UP INSTRUCTIONS

Clean spills and spatters immediately with MEK or Acetone. Clean tools immediately after use with MEK or Acetone. Follow manufacturer's safety recommendations when using any solvent.

SAFETY PRECAUTIONS

Refer to the SDS sheet before use.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

WARRANTY

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