

**CARSON CITY PURCHASING & CONTRACTS**  
201 North Carson Street Suite 11 Carson City, NV 89701  
775-283-7137 / FAX 887-2107

<http://www.carson.org/Index.aspx?page=998>

**NOTICE TO CONTRACTORS - BID #1415-143**  
**BID TITLE "Carson City Animal Services Facility"**  
**Labor Commissioner PWP# CC-2015-116**  
**Engineer's Estimate: \$2,900,000**  
March 20 2015

**Addendum No. 4**

Please make the following additions/changes to the above referenced project.

1. The date, time and place for receiving bids remains unchanged.
2. INSTRUCTIONS TO BIDDERS page ITB-6, section P states "Bidder agrees that he/she will perform work totaling at least Fifty per cent (50%) of the Bid amount and will not subcontract work totaling more than Fifty per cent (50%) of the Bid amount." The percentage that the Bidder agrees to perform shall be reduced to 25%.
3. Make the following changes and/or modifications to the Technical Specification or plan set:

*Question 1: There are no structural plans for carport or covered corrals which call for footings. A8 on A304 shows a cross section of a footing and HSS 6" x 6" column which is not on the building structural plans where are these footings?*

*Answer: See AS101. There are two elevation tags G1/AS101 and A9/AS101 that indicate where the carport is located at the southeast corner of the employee parking area. Footing location at each column shown.*

*Question 2: On S100 there is no slab edge detail on east side on west side it shows 5' of walk extended with what appears to be a slab edge? Note kennel pod area is almost 6000 sf not 3016 sf if your are counting the slab area of the kennels per S100*

*Answer: See C103 for delineation of sidewalk.*

*Question 3: It does not appear that the duct work will fit into the 15" ceiling lid. Please review the side elevation snap shot and also the snap shot of the 20" (with insulation) ducting. Please let us know if the ceiling will be lowered to a 8' finish ceiling*

*Answer: Ceiling heights can be dropped a minimal amount for the duct to clear where required.*

*Question 4: The snow melt or radiant area is not shown or the piping and flues. Please advise*

*Answer: Radiant floor heating shown on revised M101. Complete radiant floor heating system to be design/build system by General Contractor.*

*Question 5: Regarding Intake Garage 158 Radiant Boiler.*

*I noticed on page P102 the domestic cold water make up to a Radiant Heat Boiler. Coordinate with Mechanical. Mechanical drawing M101 show this boiler. Keyed*

*note 15 states it's a radiant floor supply boiler and pump specified by owner. Is the mechanical contractor supplying this boiler? What model, and brand is it? Is there a piping drawing showing the radiant piping and supply and return piping? What type of radiant heating manifolds are required?*

**Answer:** ***Addressed in question 4.***

**Question 6:** *I'm working on pricing the material for this job and there are no plans or information for the Radiant portion of this job. Will you please provide me with the information in order to quote materials to my contractors. Please see attached note #15.*

**Answer:** ***Addressed in question 4.***

**Question 7:** *Reception counters #107 & #128 are to be tile, correct?*

**Answer:** *No, See I/101 for countertop materials.*

*One drawing shows a plastic laminate on the face (drawing A205 A8)*

**Answer:** *No, tile shown on face of desk.*

*I was told there is a Emser tile that can be used in place of one of the tiles, have you heard anything about this?*

**Answer:** *Yes, see substitution approvals, Addendum 3.*

*Will the shower floors be a thick bed mortar application?*

**Answer:** *No, shower is prefab unit.*

*Can we get a more detailed TCNA tile installation methods for all areas?*

**Answer:** *These are standard tile installation methods used by professional tile installers.*

**Question 8:** *In regards to the above subject project bidding March 24th. I have a couple basic questions concerning the underground electrical conduit installation.*

*The drawings do not depict any in ground pull boxes for any of the electrical conduit runs. (Power, Comm., or Site Lighting)*

**Answer:** ***Provide pullbox near exterior transition to building footprint.***

*Is the trench detail shown on DWG C108 applicable for electrical conduit?*

**Answer:** ***Concrete encasement required at footing and under building footprint***

*Please confirm SCH40 PVC conduit is acceptable for underground electrical conduit.*

**Answer:** ***Install per NVEnergy Electrical Service Standards.***

**Substitution Request:** *Resinous Flooring*  
*Durachip*  
**Approved**

**Substitution Request:** *Resinous Flooring*  
*Neoflake RTS*  
**Approved**

*Approved Installer Resumes. The city has the ability to select / not select an installer based on contact of references provided.*

*M101*

*Delete M101 and Replace with M101 dated 3/20/2015*

End of Addendum 4





SUBSTITUTION REQUEST (During the Bidding Phase)

Project: CARSON CITY ANIMAL SERVICES FACILITY
Substitution Request Number:
From: KRIS WICKS - HOLLAND WATERPROOFING
To: CARSON CITY PURCHASING & CONTRACTS
Date: March 18, 2015
A/E Project Number: BID #1415-143
Re: MFG SUBSTITUTION FOR SPEC SEC 09706
Contract For: INSTALL EPOXY FLOORING SYSTEM

Specification Title: DEOCORATIVE FLAKE EPOXY FLOOR Description: Flake Broadcast flooring system
Section: 09706 Page: TS-127 Article/Paragraph:

Proposed Substitution: DUF-a-chip with Accelerate HC Top coat
Manufacturer: DUF-A-Flex Address: 95 Goodwin St, E Hartford Phone: 800-253-3539
Trade Name: Resinous Flooring Model No.:

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.
Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

- The Undersigned certifies:
- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

Submitted by: Kris Wicks
Signed by: [Signature] Signature required
Firm: Holland Waterproofing Inc.
Address: 1380 Greg Street, Suite 222, Sparks Nv. 89431
Telephone: 775-827-4744

A/E's REVIEW AND ACTION

- [X] Substitution approved - Make submittals in accordance with Specification Section 01330.
[ ] Substitution approved as noted - Make submittals in accordance with Specification Section 01330.
[ ] Substitution rejected - Use specified materials.
[ ] Substitution Request received too late - Use specified materials.

Signed by: [Signature] Date: 3/20/15

Supporting Data Attached: [ ] Drawings [ ] Product Data [ ] Samples [ ] Tests [ ] Reports [ ]



# SUBSTITUTION REQUEST

(After the Bidding/Negotiating Phase)

Project: \*Carson City Animal Shelter Substitution Request Number: ( For Architect to fill in )  
Carson City, NV,  
 To: \* BDA Architects From: \* Innovative Coatings of Reno Inc  
 Date: \* 3/17/15  
 A/E Project Number: \* Add if known  
 Re: Substitution Request – Neogard Contract For: \* Epoxy floor system

Specification Title: \* Decorative Flake Epoxy Floor System Description: \* Decorative Flake Floor system  
 Section: \* 09706 Page: \* TS-127 Article/Paragraph: \* Products 2.01

Proposed Substitution: Neoflake RTS  
 Manufacturer: Neogard Phone: (214) 353-1600  
 Address: \*2728 Empire Central Dallas, TX. 75235  
 Trade Name: \_\_\_\_\_ Model No.: \_\_\_\_\_  
 Installer: Innovative Coatings of Reno Inc Phone: \* (775) 358-7910  
 Address: \* 83 Glen Carran Circle Sparks, NV. 89431

History:  New product  1-4 years old  5-10 years old  More than 10 years old

Differences between proposed substitution and specified product:  
 Products are similar

Point-by-point comparative data attached — REQUIRED BY A/E

Reason for not providing specified item: \_\_\_\_\_  
 Product is equal or superior to Specification

Similar Installation:

Project: \*Stead/Carson City Training Ctr. Architect: \* H & K Architects  
 Address: \* 2460 Fairview Dr. Owner: \* NV, Army Nat, I Guard  
Carson City NV. 89701 Date Installed: \* Sept. 2014

Proposed substitution affects other parts of Work:  No  Yes; explain \_\_\_\_\_

Savings to Owner for accepting substitution: \_\_\_\_\_ (\$ \_\_\_\_\_).

Proposed substitution changes Contract Time:  No  Yes [Add] [Deduct] \_\_\_\_\_ days.

Supporting Data Attached:  Drawings  Product Data  Samples  Tests  Reports  \_\_\_\_\_

# SUBSTITUTION REQUEST

(After the Bidding/Negotiating Phase — Continued)

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Cost data as stated above is complete. Claims for additional costs related to accepted substitution which may subsequently become apparent are to be waived.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.
- Coordination, installation, and changes in the Work as necessary for accepted substitution will be complete in all respects.

Submitted by: Mark Sasada

Signed by: mark sasada

Firm: \* Innovative Coatings of Reno Inc.

Address: \*83 Glen Carran Circle Sparks, NV 89431

Telephone: \* (775) 358-7910

Attachments:

\* Specifications

### A/E's REVIEW AND ACTION

- Substitution approved - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
- Substitution approved as noted - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
- Substitution rejected - Use specified materials.
- Substitution Request received too late - Use specified materials.

Signed by:  Date: 3/20/15

Additional Comments:  Contractor  Subcontractor  Supplier  Manufacturer  A/E  
 Other:

*Utilizing High Performance Epoxy and polyaspartic system.*



### Product Data Sheet

#### PRODUCT DESCRIPTION

70714/70715 is a two-component, 100% solids epoxy resin, specially formulated for use on damp as well as dry concrete. Near water clear and exhibits no amine blush when used in humid environments. Super low viscosity for deep penetration into concrete. Uniform wetting of filler aggregates. Excellent chemical and water resistance.

#### PRODUCT NUMBERS AND COLORS

Standard colors are: 70714-00 Clear  
 70714-02 Gray  
 70714-03 Tan  
 70714-04 Dark Gray  
 70714-05 Red  
 70714-06 Green  
 70714-11 Light Gray  
 70714-16 Black

For special color consult NEOGARD®.

#### CURED FILM PERFORMANCE

Description	Test Method	Results
Tensile Strength	ASTM D638	3,700 psi
Elongation	ASTM D638	25%
Compressive Strength	ASTM D695	25,300 psi
Flexural Strength	ASTM D790	3,180 psi
Flexural Modulus	ASTM D790	57,700 psi
Water Resistance	ASTM D570	0.21%
MVT @ 10 Mils	ASTM E96	0.16
Taber Abrasion	ASTM D4060	25 mg/1,000(cs17)
Shore D	ASTM D2240	78
Adhesion	ASTM D4541	350 psi
Flammability	ASTM D635	Pass

The above tested results are typical values. Individual lots may vary up to 10% from the typical value.

#### PRODUCT DATA

Description	Test Method	Results
Weight/Gal (mixed)	ASTM D1475	8.8 lbs/gal
Weight Solids (mixed)	ASTM D4209	100%
Volume Solids (mixed)	Calculated	100%
Viscosity (mixed)	ASTM D2196	300 cps
VOC (mixed)	EPA Method 24	<10 g/L
Flash Point	ASTM D3278	>200°F
Shelf Life		1 year
Pot Life @ 70°F		30 minutes
Thin Film Cure @ 75°F		8 to 9 hours
Full Cure @ 75°F		7 days
Full Chemical Resistance		7 days
Mix Ratio 70714:70715		2:1 by volume

The above tested results are typical values. Individual lots may vary up to 10% from the typical value.

#### APPLICATIONS

70714/70715 is designed for use on both damp (no standing water) and dry substrates as a:

- High gloss, high build protective coating.
- Binder for self-smoothing pigmented and color quartz flooring.
- Low viscosity binder for trowel applied mortar flooring system.
- Highest quality primer for chemical resistant urethane top coats, NEOGARD waterproofing and flooring systems.
- Low viscosity for trowel applied mortar, patching material. Mix ratio 1 part mixed epoxy to 4 parts approved blended aggregates.
- Low viscosity binder for crack injection applications.

#### HEALTH AND SAFETY

Read the Material Safety Data Sheet (MSDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

Manufacturer warrants that the standards and qualities of the product described herein will not vary by more than 10% from the tested results set forth above. **MANUFACTURER HEREBY EXPRESSLY DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY AND/OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.** Buyer must make its own determination of the suitability of any product for its use, whether such product is used alone or in combination with other materials. **To the extent this or any of Manufacturer's products is proven to be defective, Buyer's sole remedy shall be limited to the replacement of such defective product, exclusive of any costs of labor. MANUFACTURER SHALL NOT BE LIABLE OR OBLIGATED FOR ANY LOSS OR CONSEQUENTIAL OR OTHER DAMAGE INCURRED DIRECTLY OR INDIRECTLY BY BUYER OR ANY OTHER PERSON OR ENTITY THAT ARISES IN ANY WAY IN RELATION TO THIS OR ANY OF MANUFACTURER'S OTHER PRODUCTS.** Nothing contained herein shall be construed to constitute inducement or recommendation to practice any invention covered by any patent without authority of the owner of the patent. No Applicator is or should be viewed as an employee or agent of Manufacturer. 10182010/70714-70715PD.indd

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## CHEMICAL RESISTANCE CHART

Rating Key: 0 - No Effect 1 - Stains/Dulls 2 - Blisters 3 - Lifts Film

<u>Chemical</u>	<u>Rating</u>		<u>Rating</u>
Acetic Acid (98%)	0	Mineral Spirits	0
Acetic Acid (36%)	0	Motor Oil	0-1
Acetic Acid (20%)	0	Mustard	1*
Acetic Acid (10%)	0	Nitric Acid (30%)	1
Ammonia (28%)	0	Nitric Acid (10%)	0
Brake Fluid	0	Oleic Acid	0-1
Butyl Alcohol	0	Phenol	2-3
Butoxyethanol	0-1	Phosphoric Acid (25%)	2
Butoxyethylacetate	0	Potassium Hydroxide (25%)	1
Butylacrylate	0	Propylene Glycol	0
Calcium Chloride (10%)	1	Skydrol	0-1
Chromic Acid (2%)	0	Sodium Hypochlorite (10%)	0
Citric Acid (6%)	0	Sodium Hydroxide (50%)	0-1
Citric Acid (25%)	0	Sodium Hydroxide (25%)	0-1
Citric Acid (50%)	0-1	Sulfuric Acid (50%)	2-3
Citric Acid (70%)	0-1	Sulfuric Acid (10%)	0-1
Diesel Fuel	0	Tall Oil Fatty Acid	0
Ethyl Acetate	0	Transmission Fluid	0
Ethyl Alcohol	0	Urine	0*
Ethylene Glycol	0	Vegetable Oil	0
Formic Acid (38%)	1	Vinegar	0
Gasoline	0	Xylene	0
HISOL 10 Solvent	0		
Hydrochloric Acid (37%)	2		
Hydrochloric Acid (15%)	1		
Hydrochloric Acid (5%)	0		
Hydrofluoric Acid (49%)	0-1		
Hydrofluoric Acid (24%)	0-1		
Isopropyl Alcohol	0		
Jet Fuel	0		
Ketchup	0		
Lactic Acid (85%)	2		
Lactic Acid (50%)	2		
Lactic Acid (20%)	0-1		
Methylisobutyl Ketone	0		
<u>Chemical</u>	<u>Rating</u>		
Methylpyrrolidone	2-3		

**\*Note: Staining is possible with mustard and urine on white and clear systems.**

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### Product Data Sheet

#### PRODUCT DESCRIPTION

70815/70816 is a two-component, low VOC, ultra-high solids chemical resistant, polyester aliphatic polyurethane.

#### SYSTEM DESIGN

70815/70816 is designed for use as a topcoat for NEOGARD® flooring and decorative waterproofing systems.

#### USES

As a clear or pigmented topcoat for NEOGARD® flooring and decorative waterproofing systems.

#### ADVANTAGES

- Superior resistance to chemical attack
- Excellent UV resistance
- Superb impact and abrasion resistance
- Meets VOC content requirements for Floor Coatings established by South Coast AQMD

#### LIMITATIONS

- Ambient Temperature: Application temperature 40°F–80°F (4°C–26°C).
- Precondition material for 24 hours at 65°–75°F (18°C–23°C).
- Maximum Relative Humidity 85%. Minimum Relative Humidity 30%.
- Surface Condition: 40°F–85°F (Min. 4°C, to 29°C). Surface temperature must be 5°F above the dew point.
- High temperatures and humidity can significantly affect pot life and cure time. Low temperatures and humidity can extend the cure time.
- Open to foot traffic in 11 hours at 75°F, 50% RH.
- Do not apply when substrate temperature is greater than 110°F (43°C) or below 40°F (4°C).
- Use with adequate ventilation.
- Substrate must be clean and dry.
- Do not apply directly to concrete.

#### PRODUCT NUMBER, COLOR & PACKAGING

Standard Colors:

70815 Clear	1.0 gal
70815-01 White	1.0 gal
70816	1.0 gal

\*Colors Available Upon Request

\*Note: Solvent based tints will produce an odor when added to this product.

#### MIXING AND THINNING

Read product labels and application instructions prior to use. Thinning material is not recommended. Contact NEOGARD Technical Service prior to thinning. Pre-mix 70815 Part A for 3 minutes. Add entire contents of 70816 hardener to 70815 container and mix for 3 minutes using slow speed drill utilizing a Jiffy mixing paddle. Take precautions not to introduce air into the material while mixing. For more information, contact NEOGARD Technical Service at [techservice@neogard.com](mailto:techservice@neogard.com).

#### CURED PROPERTIES

Description	Test Method	Results
Tensile Strength	ASTM D2370	3446 psi
Elongation	ASTM D2370	27%
Water Resistance (24 hrs)	ASTM D570	0.44%
Taber Abrasion	ASTM D4060	19mg/1,000 cycles CS-17
Shore D	ASTM D2240	58
Flammability	ASTM D635	Pass
Flexural Strength	ASTM D790	239 psi
Flexural Modulus	ASTM D790	6,360 psi

#### PRODUCT DATA

Description	Test Method	Results
Mix Ratio by Volume		1:1 with 70816
Weight/Gal (mixed)	ASTM D1475	8.90 lbs/gal
Weight Solids (mixed)	ASTM D5201	95%
Volume Solids (mixed)	ASTM D5201	95%
VOC (mixed)	ASTM D5201	48.6 g/L
Flash Point	ASTM D3278	Part A 204°F Part B 260°F
Pot Life at 75°F, 50% RH		90 Minutes
Touch Up Time at 75°F, 50% RH		15 Minutes
Recoat at 75°F, 50% RH		6–8 Hours
Storage		Protected
Shelf Life		1 Year

The above tested results are typical values. Individual lots may vary up to 10% from the typical value.

#### APPLICATION

- Thoroughly mix 1:1 by volume. Apply at a rate of 140 to 200 sf/gal to achieve a dry film thickness of 8 to 12 wet mils. Note: Product may turn milky if applied in excess of 12 mils/per coat or in areas of high humidity (>85% RH). Application of less than 8 mils wet film thickness on a smooth system may produce an orange peel texture.
- When applying additional coats, do not exceed 24

hour recoat window. If recoat window is exceeded, lightly abrade surface with 80–100 grit sand paper and thoroughly clean surface before applying next coat.

## **STORAGE AND HANDLING**

Containers of urethane coating should be stored in a cool (40°F–75°F) area to ensure full shelf life. Keep container closed. Keep away from sources of ignition. To prevent container rupture due to very high temperature, keep away from heat and/or open flames.

## **CLEAN UP**

Clean tools and equipment with aromatic solvents such as Xylene, Toluene, MEK or 7055 Odorless Reducer.

## **HEALTH AND SAFETY**

Read the Material Safety Data Sheet (MSDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

Manufacturer warrants that the standards and qualities of the product described herein will not vary by more than 10% from the tested results set forth above. **MANUFACTURER HEREBY EXPRESSLY DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY AND/OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.** Buyer must make its own determination of the suitability of any product for its use, whether such product is used alone or in combination with other materials. **To the extent this or any of Manufacturer's products is proven to be defective, Buyer's sole remedy shall be limited to the replacement of such defective product, exclusive of any costs of labor. MANUFACTURER SHALL NOT BE LIABLE OR OBLIGATED FOR ANY LOSS OR CONSEQUENTIAL OR OTHER DAMAGE INCURRED DIRECTLY OR INDIRECTLY BY BUYER OR ANY OTHER PERSON OR ENTITY THAT ARISES IN ANY WAY IN RELATION TO THIS OR ANY OF MANUFACTURER'S OTHER PRODUCTS.** Nothing contained herein shall be construed to constitute inducement or recommendation to practice any invention covered by any patent without authority of the owner of the patent. No Applicator is or should be viewed as an employee or agent of Manufacturer. 02252015/70815/70816PDS.indd

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## Product Data Sheet

### PRODUCT DESCRIPTION

70866/70816 is a moisture-cured, two-component, UV stable, low odor, fast cure, high solids, low viscosity, polyaspartic coating.

### SYSTEM DESIGN

70866/70816 is a component of NEOGARD decorative flooring and decorative waterproofing systems.

### USES

As a clear coating used in NEOGARD flooring and decorative waterproofing systems.

### ADVANTAGES

- Fast turnaround; Cures quickly
- Excellent UV resistance
- Meets VOC content requirements for Floor Coatings established by South Coast AQMD

### LIMITATIONS

- Ambient Temperature: Application temperature 40°F- 80°F (4°C-26°C).
- Precondition material for 24 hours at 65°-75°F (18°C-23°C).
- Maximum Relative Humidity 80%. Minimum Relative Humidity 30%.
- Surface Condition: 40°F to 85°F (Min. 4°C, to 29°C). Surface temperature must be 5°F above the dew point.
- High temperatures and humidity can significantly affect pot life and cure time. Low temperatures and humidity can extend the cure time.
- Return to service in 11 hours.
- Do not apply when substrate temperature is greater than 110°F (43°C) or below 40°F (4°C).
- Use with adequate ventilation.
- Substrate must be clean and dry.
- Do not apply directly to concrete.

### PRODUCT NUMBER, COLOR & PACKAGING

Standard colors: Clear

Packaging:	70866-002/ 70816-001	2.74 gal kit
	70866-HG/ 70816-QT	0.69 gal kit

### MIXING AND THINNING

- Do not split kits.
- Do not thin.

Read product labels and application instructions prior to use. Pre-mix 70866 Part A for 3 minutes. Add entire contents of 70816 hardener to 70866 container and mix for 3 minutes using slow speed drill utilizing a Jiffy mixing paddle. Take precautions not to introduce air into the material while mixing.

For more information, contact NEOGARD Technical Service at [techservice@neogard.com](mailto:techservice@neogard.com).

### CURED PROPERTIES

Description	Test Method	Results
Tensile Strength	ASTM D2370	6,277 psi
Elongation	ASTM D412	39%
Water Resistance	ASTM D570	0.63%
Taber Abrasion	ASTM D4060	53 mg/1,000 cs-17
Shore D	ASTM D2240	69
Flexural Strength	ASTM D790	257 psi
Flexural Modulus	ASTM D790	7,421 psi

### PRODUCT DATA

Description	Test Method	Results
Weight/Gal (mixed)	ASTM D1475	8.95 lbs/gal
Weight Solids (mixed)	ASTM D5201	96%
Volume Solids	Calculated	96%
VOC (mixed)	ASTM D5201	36.4 g/L
Flash Point	ASTM D3278	70866: 163 °F 70816: 260 °F
Recoat at 75°F, 50% RH		6 - 8 hours
Pot Life		15-20 minutes @ 70°F
Shelf Life		6 months

The above tested results are typical values. Individual lots may vary up to 10% from the typical value.

### APPLICATION

Apply at a rate of 80 to 200 sf/gal to achieve 8 to 20 wet mils. When applying additional coats, do not exceed 24 hour recoat window. If recoat window is exceeded, lightly abrade surface with 80-100 grit sand paper and thoroughly clean surface before applying next coat.

## STORAGE AND HANDLING

Containers of urethane coating should be stored in a cool (40°F - 75°F) area to ensure full shelf life. Keep container closed. Keep away from sources of ignition. To prevent container rupture due to very high temperature, keep away from heat and/or open flames.

## CLEAN UP

Clean tools and equipment with aromatic solvents such as Xylene, Toluene, MEK or 7055 Odorless Reducer.

## HEALTH AND SAFETY

Read the Material Safety Data Sheet (MSDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

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# Sika Corporation

March 17, 2015

John Foley  
Dura-Stone, Inc  
750 Freeport Blvd, #103  
Sparks, NV 89431

Re: Approved Applicator for DecoFlake 40

Dear Mr. Foley

This letter certifies Dura-Stone at 750 Freeport Blvd, #103; Sparks, NV 89431, has demonstrated and installed Sika Corporation DecoFlake 40, as required, when installed per manufacturer's printed instructions.

Please feel free to contact me at 925-513-1500 if you have any questions.

Sincerely,

Christopher S. Morales  
Senior Sales Representative  
Sika Industrial Flooring



Sika Corporation, 201 Polito Avenue, Lyndhurst NJ 07071, USA  
Tel: 201 933 8800, Fax: 201 933 6225, [www.sikafloorusa.com](http://www.sikafloorusa.com)



# DURA-STONE

750 Freeport Blvd., #103  
Sparks, NV 89431

Walker River Construction  
Attn: Rich Merlie

## **RE: Carson City Animal Shelter Qualifications**

Jobs of qualification

### **IGT**

Several Bathrooms totaling more than 10K square feet with integral coving.

### **Nutrient Foods**

Approx. 10k square feet in food processing area with integral coving

### **French Gourmet**

Approx. 12K square feet in food processing area with integral cove

### **Incline Village Improvement District**

Approx. 5K square feet of kitchen floors with integral cove

### **Gold Dust West Casino – Carson City**

Approx. 6k square feet of kitchen floors with integral cove

### **Hamilton Medical**

Approx. 10k square feet of clean room floors

Contact information for each job is not readily available and can be supplied upon further request. We would have to go to general contractors that we performed the work for to get this information.

Please call me with any questions.

Thank you,



John Foley

# Sika Corporation

March 17, 2015

Greg Johnson  
High Desert Surface Prep  
2755 Ramona Rd  
Reno, NV 89521

Re: Approved Applicator for DecoFlake 40

Dear Mr. Johnson

This letter certifies High Desert Surface Prep, at 2755 Ramona Rd, Reno, NV 89521, has demonstrated and installed Sika Corporation DecoFlake 40, as required, when installed per manufacturer's printed instructions.

Please feel free to contact me at 925-513-1500 if you have any questions.

Sincerely,

Christopher S. Morales  
Senior Sales Representative  
Sika Industrial Flooring



Sika Corporation, 201 Polito Avenue, Lyndhurst NJ 07071, USA  
Tel: 201 933 8800, Fax: 201 933 6225, [www.sikafloorusa.com](http://www.sikafloorusa.com)





# High Desert Surface Prep, INC

P.O Box 17182  
Reno, NV 89511  
(775) 338-3000 Phone  
(775) 853-1337 Fax  
NV Lic. 55772B  
CA Lic. 936329



**Hamilton production area 12,000 sqft Steve Hamilton**

**Hamilton personal museum 13,000 sqft**

**Chromalloy Nevada 1 to 5000 sqft areas Frank Lewis**

**Carson Nugget Pool area and kitchen Jackie**

**Nutrient foods 11,000 sqft Metcalf builders**

**Archie's kitchen 800 sqft**

**Rail City Kitchen**

**Atlantis, buffet kitchen, Purple Parrot dish room, Strake house Kitchen**

**Continuum packaging Minden Nevada up to 5000 sqft**

**Damon Industries production area 2500 sqft**



**DUR-A-FLEX**  
INNOVATION FROM THE FLOOR UP

March 19, 2015

**PROJECT: Carson City Animal Services Facility**

**LOCATION: Carson City, NV**

To Whom It May Concern:

Holland Waterproofing, Inc., 1380 Greg Street, Suite 222, Sparks, NV 89431 is an established customer of Dur-A-Flex, Inc. since 2010, and is recognized as the contractor on the project listed above. As a user of our flooring systems, this installer is provided access to numerous resources including installation information, training videos, product data sheets, our extensive laboratory testing capabilities for appropriate situations, and 24-hour technical support available by phone.

Based on the installer's 5 years as a customer of Dur-A-Flex and review of their installations, we believe the installer is qualified to apply DAF products.

Note that DAF does not employ manufacturer's authorized contractors trained for installation. As such, DAF cannot warrant any installer's work.

Please consider both Holland Waterproofing, Inc. and Dur-A-Flex, Inc. wherever Epoxy, MMA, and Urethane resin flooring systems are specified.

Sincerely,

**Patrick J. Meade**  
*Vice President, Sales and Technical Support*



March 19, 2015

**RE: Carson City Animal Services Facility**

Please consider the following as a Resume for our key person for the above referenced project.

Kris Wicks has been with Holland Waterproofing for over 20 years. He is part owner and is involved in every aspect of the projects we do. Kris' specialty is resinous flooring. Kris has been involved in every floor we have installed in the past 20 years from the estimating process, product submittals, to the installation. He takes pride in his work and the quality of flooring installed. The following is a list of recent projects Kris was involved in.

Truckee Animal Shelter, Town of Truckee 530-582-7700

Carson Dodge, Chrysler, Jeep 775-883-2020

All of the South Lake Tahoe Schools remodel, Lake Tahoe Unified School district, 530-543-2310

Hard Rock Hotel & Casino, Neva One LLC, 775-782-7275

Nugget Hotel Casino, Gilleys Restaurant and Bar, Global Gaming & Hospitality and Husky Finance, 702-823-1952

Attached are data sheets of the all the products that Kris has had success with.

Feel free to call me at 775-846-0610 with any questions.

Sincerely,

Dale Holland

Holland Waterproofing Inc.

<b>Project name</b>	<b>Owner</b>	<b>phone #</b>	<b>Materials</b>
1 Hard Rock Casino & Casino	Neva One LLC	<u>(775) 782-7275</u>	<b>Dur a flex</b> Poly Crete SI, Acclera
2 Greenbrae Elementary Revitalization	Washoe County School District	775-348-0200	<b>Dur-flex</b>
3 Washington State University Martin Stadium	WSU	509-335-3564	Cryl-A-Chip <b>Dur-A-flex</b>
4 Truckee Animal Shelter	Town of Truckee	(530) 582-7700	Poly Crete SI, dur a gard epoxy <b>Dur-A-flex</b>
5 Dunn Elementary Flooring Replacement	Washoe County School District	775-348-0200	Cryl-A-Floor SI Cryl-A-Chip <b>Dur-A-flex</b>
6 Carson Dodge chrysler jeep	Carson Dodge chrysler jeep	775-883-2020	Cryl-A-quartz <b>Dur-A-flex</b>
7 South Lake Tahoe HS-Student Union BLDG.	Lake Tahoe Unified School District	(530) 543-2310	Poly-Crete SI Shop Floor <b>Dur-A-flex</b>
8 South Lake Tahoe Middle School- BLDG B&E Modernization	Lake Tahoe Unified School District	(530) 543-2310	Dur-a-quartz Dur-A-Flex Dur-A-flex
9 Southlake Tahoe HS-Gym Modernization	Lake Tahoe Unified School District	(530) 543-2310	Dur-A-flex Dur-a-chip
10 South Lake Tahoe Middle School new Classroom Bldg D	Lake Tahoe Unified School District	(530) 543-2310	Dur-A-flex Dur-a-chip
11 Nugget Hotel Casino, Gilley restaruante & Bar	Global Gaming & Hospitality (GGH) and Husky Finance	(702) 823 1952	Dur-A-flex Poly-Crete SI Dur-A-Gard Epoxy

Wednesday, March 11, 2015

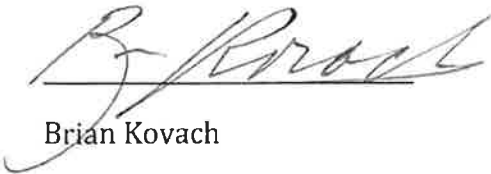
Project: **Carson City Animal Shelter**

RE: Contractor Experience Certification Letter

To Whom It May Concern:

This is to certify that Prime Coat Coating Systems of Waukegan, Illinois is a properly authorized applicator of proprietary coating systems for high performance walls, ceilings, and floors as manufactured by Prime Coat Coating Systems and has been so since the year 1994.

All foremen and mechanics of Prime Coat have been intensively trained in the precise application techniques required in the application of our high performance products.



Brian Kovach

President

Prime Coat II, LLC

dba Prime Coat Coating Systems

Subscribed and sworn to before me this 11<sup>th</sup> day of MARCH, 2015.



Kevin Steiner

Notary Public

Seal



<b>Project Name</b>	<b>Owners name/phone number</b>	<b>List of Materials Used</b>
Waggin Wheel Vet. Hospital	Dr. Jill Summerford 501-6220-3160	PC320, PC327, PC440, PC498
Wayside Waifs Animal Shelter	Geoff Hall President 816-986-4400	PC320, PC327, PC440, PC498, PC499
K9 Resorts - Fairfield NJ	Andy Lubalin 908-447-4042	PC320, PC327, PC440, PC498, PC499
Forest Glen Animal Hospital	Dr. Andy Orals 773-283-2443	PC320, PC327, PC440, PC498
Southtown Veterinary	Dr. Robert Sullivan 570-278-9210	PC320, PC327, PC440, PC498
K9 Resorts - Middletown NJ	Dan Cody 732-671-0948	PC320, PC327, PC440, PC498
Memorial Road	Dr. Theresa Heibel 330-678-2770	PC320, PC327, PC440, PC498, PC499
Pine Woods Animal Hospital	Dr. Michael Diliberto 716-695-7836	PC320, PC327, PC440, PC498
Hill Crest Animal Hopital	Dr. Aaron Pollock 304-292-6933	PC320, PC327, PC440, PC500, PC498
The Farm at Natchez Trace	Linda Burnsed 615-460-7478	PC320, PC327, PC440, PC500, PC498,
Quinebaug Kennels	Jennifer Broome 860-546-2116	PC320, PC327, PC440, PC498,

## ***Slawomir Jurczuk – Lead Foreman***

**Employed since September 2008**

### **Animal Healthcare Projects Managed in 2014:**

- |  |  |
|--|--|
| ➤ <b>Audobon Animal Clinic</b><br>17 Chenoweth Drive<br>Bridgeport, WV 26330         | <b>Contract: \$41,580.00</b><br><b>Work Completed: 02/2014</b> |
| ➤ <b>AMVC Vet Services</b><br>1786 190 <sup>th</sup> Street<br>Audubon, IA 50055     | <b>Contract: \$88,211.00</b><br><b>Work Completed: 08/2014</b> |
| ➤ <b>Memorial Road Pet Hospital</b><br>3016 East Memorial<br>Oklahoma City, OK 73013 | <b>Contract: \$60,500.00</b><br><b>Work Completed: 09/2014</b> |
| ➤ <b>Creature Comforts</b><br>1101 Gardiana Lane<br>Longview, TX 75601               | <b>Contract: \$40,000.00</b><br><b>Work Completed: 09/2014</b> |
| ➤ <b>Quinebaug Kennels</b><br>265 N Society Road<br>Cantebury, CT 06331              | <b>Contract: \$35,450.00</b><br><b>Work Completed: 12/2014</b> |

**Additional Projects and References available upon request.**



**NEOGARD**  
CONSTRUCTION COATINGS  
A DIVISION OF THE JONES-BLAIR COMPANY



March 16, 2015

Mr. Mark Sasada  
Diamond Coatings  
83 Glen Carron Circle  
Sparks, NV 89431

RE: Carson City Animal Hospital

Dear Mark,

This is to confirm that Diamond Coatings has a 5 year plus history in successfully applying the Neogard waterproofing, flooring, and roofing systems.

The lead mechanics of Diamond Coatings have attended the Neogard factory applicator training in Dallas TX and they are certified as a factory trained applicators.

We can provide a project list of the various systems the upon your request.

If we can answer any questions or provide more information, please feel free to contact us at 775-324-5524.

Very truly yours,

Neogard a Div. of Jones-Blair

Jim Nelson  
Pacific Area Manager





Specialty Coatings  
since 1997

NV Lic. No. 0046474  
CA Lic. No. 908874  
OR License No. 197984

Innovative Coatings of Reno, Inc. dba

**DIAMOND COATINGS**  
83 Glen Carran Circle  
Sparks, NV 89431

Phone: (775) 358-7910 Fax: (775) 358-7919

March 18, 2015

BDA Architects  
901 Lambertson Pl. NE  
Albuquerque, NM 87107

Project: Carson City Animal Shelter  
Carson City, NV

Innovative Coatings of Reno has been a specialty coating contractor since 1998. Following is a list of 10 projects utilizing Neogard materials.

- |   |                    |
|---|--------------------|
| 1. Peppermill Casino Reno, NV           | 45,000 square feet |
| 2. R Zaballos Hayward, CA               | 85,000 square feet |
| 3. Reno Elks Lodge Reno, NV             | 28,000 square feet |
| 4. National Guard Reno, NV              | 15,000 square feet |
| 5. Safeway Hayward, CA                  | 40,000 square feet |
| 6. Nye County Jail Pahrump, NV          | 40,000 square feet |
| 7. Raddison Hotel San Francisco         | 3,950 square feet  |
| 8. AAFF Hangers Stead, NV               | 60,000 square feet |
| 9. AAFF Hangers Stead, NV               | 45,000 square feet |
| 9. Army Training Center Carson City, NV | 45,000 square feet |
| 10. Rainbow Casino Henderson, NV        | 12,000 square feet |
|   | 17,000 square feet |

If any further information is needed please contact

Mark Sasada  
President  
(775) 853-1183

3/19/15



## **FELIX EPOXY FLOORS, INC**

Contractor License # 777678

Qualifications : We are an approved Stonhard installation team. We have been subcontracting by Stonhard a Division of StonCor Grp., Inc for over 20 years. Our employees are trained to provide excellent quality flooring, installed to the manufacturer's specification.

**Experience:**

NOW foods  
Snapple/Dr Pepper  
Sutter auburn Faith Hospital  
Shinmei rice bun processing plant  
Mars pet care  
Agilent technologies  
HB Fuller  
Genentech  
Tesla motor sports

1968 Cameron Hills Ct  
Fremont, Ca 94539 USA  
Phone (510) 440-0600  
Fax (510) 490-7773