

### CHANGE ORDER APPROVAL FORM

PROJECT: Sheriff's Office Administration Building CHANGE ORDER: G

DATE: 06/10/16

CONTRACT NUMBER: CM2133

TO CONTRACTOR: ACON Construction Company, Inc.

Reason for Change Order: To upgrade floor finish in the Vehicle Maintenance Building and in the Vehicle Evidence Processing Area inside the Main Building. The purpose of the upgrade is to provide a high level of floor finish to limit future maintenance and to protect the floor slab. The original sealed concrete finish was adequate but does not provide the wear and low maintenance provided by this state of the art finish.

Original Contract Sum..... \$ 7,756,000.00

Net Change by Previous Change Order/Supplemental Agreement. \$ (836,372.52)

Contract Sum Prior to This Change Order..... \$ 6,919,627.48

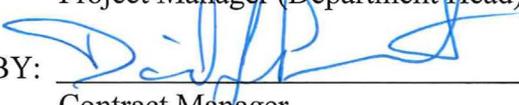
Amount of This Change Order (Add/Deduct)..... \$ 20,482.00

New Contract Sum Including this Change Order..... \$ 6,940,109.48

The contract for substantial completion will be (~~increased~~) (~~decreased~~) (unchanged) by 0 days;  
Substantial Completion: 09/11/16; Final Completion: 10/10/16

APPROVED BY:   
Project Manager (Department Head)

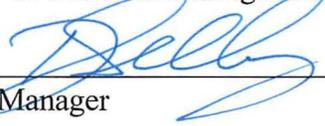
DATE: 6-10-16

APPROVED BY:   
Contract Manager

DATE: 6-10-16

APPROVED BY:   
Director of Office of Management & Budget

DATE: 6-16-16

APPROVED BY:   
County Manager

DATE: 6/20/16

ACCOUNT NO.: 65213521-562000 SHADM

16 JUN 22 PM 4:51  
OFFICE OF CLERK OF COURTS  
MORRIS COUNTY, FLORIDA

Acon Construction Co., Inc.  
3653 Regent Boulevard, Suite 401  
Jacksonville, FL 32224  
Ph : 904-565-9060

## Change Order

**Project:**  
J14-012 Nassau County Sheriffs Office  
77079 Robert E. Williams Drive  
Yulee, FL 32097

**Change Order: G**  
**Date: 6/9/2016**  
**Architect's Project:**

**To Contractor:**  
Acon Construction Co., Inc.  
3653 Regent Boulevard, Suite 401  
Jacksonville, FL 32224

**The Contract is changed as follows:**

Added Floor Finish at Vehicle Maintenance and Vehicle Processing

Flooring Change Flooring in Vehicle Maintenance and Vehicle Evidence Areas

\$20,482.00

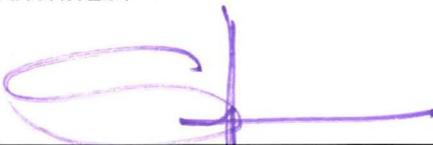
---

The original Contract Amount was	\$7,756,000.00
Net change by previously authorized Change Orders	\$-836,372.52
The Contract Amount prior to this Change Order was	\$6,919,627.48
The Contract will be increased by this Change Order in the amount of	\$20,482.00
The new Contract Amount including this Change Order will be	\$6,940,109.48
The Contract Time will be increased by 0 days.	
The date of Substantial Completion as of the date of this Change Order therefore is	<i>unchanged</i>

**NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACT AND OWNER.**

---

ARCHITECT

  
(Signature)  
STEPHEN F. LAZAR  
By  
9 JUNE 2016  
Date

Acon Construction Co., Inc.  
CONTRACTOR  
3653 Regent Boulevard, Suite 401  
Jacksonville, FL 32224

  
(Signature)  
By  
6-8-16  
Date

OWNER

  
(Signature)  
T.J. Sefton  
By  
6/20/16  
Date

**Acon Construction Co., Inc.**

3653 Regent Boulevard, Suite 401  
Jacksonville, FL 32224  
Ph : 904-565-9060

**Change Request**

To: Nassau County  
96135 Nassau Place  
Suite 1  
Yulee, FL 32097  
Ph: 904-491-7337 Fax: 904-321-2658

Number: VM Flooring  
Date: 6/7/2016  
Job: J14-012 Nassau County Sheriffs Office  
Phone:

**Description:** Change Flooring in Vehicle Maintenance and Vehicle Evidence Areas

We are pleased to offer the following specifications and pricing to make the following changes:

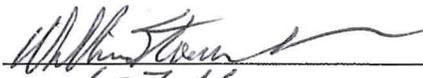
This change is submitted in response to owner request for upgraded floor finish in the Vehicle Maintenance Building and in The Vehicle Evidence Processing Area inside Main Admin Building. The purpose of the upgrade is to provide a high level of floor finish to limit future maintenance and to protect the floor slab. Original Sealed Concrete Finish was adequate, but does not provide the wear and low maintenance provided by this state of the art finish. The product data and quote from the selected manufacturer and specialized dealer/installer is included with this request for change.

The total direct cost to perform this work is .....	\$18,620.00
(Please refer to attached sheet for details.)	
ACON Markup	\$18,620.00 10.00% \$1,862.00
	<b>Total: \$20,482.00</b>

The schedule will be To Be Determined.

If you have any questions, please contact me at 904-565-9060.

Submitted by: Frank A. Anderson  
ACON Construction Co., Inc.

Approved by:   
Date: 6-7-16

Cc:

**Acon Construction Co., Inc.**

3653 Regent Boulevard, Suite 401

Jacksonville, FL 32224

Ph : 904-565-9060

**Change Request VM Flooring Price Breakdown  
Continuation Sheet**

**Description:** Change Flooring in Vehicle Maintenance and Vehicle Evidence Areas

<b>Description</b>	<b>Labor</b>	<b>Material</b>	<b>Equipment</b>	<b>Subcontract</b>	<b>Other</b>	<b>Price</b>
Vehicle Flooring				\$18,620.00		\$18,620.00
					<b>Subtotal:</b>	<b>\$18,620.00</b>
			ACON Markup	\$18,620.00	10.00%	\$1,862.00
					<b>Total:</b>	<b>\$20,482.00</b>

# I. S. & L.

INDUSTRIAL SURFACING & LINING LLC.

PO Box 3291

Jacksonville, Florida 32206

(904) 751-2236 Office

(904) 751-3315 Fax

[mackster\\_isl@comcast.net](mailto:mackster_isl@comcast.net)

## PRICE QUOTATION

Company:	<u>ACON CONSTRUCTION CO.</u>	Date:	<u>6/6/2016</u>
Address:	<u>3653 Regent Blvd.</u> <u>Suite 401</u> <u>Jacksonville, FL. 32224</u>	Proposed Start Date:	<u>A.S.A.P.</u>
Contact:	<u>Bill Anderson</u>	Terms:	<u>Net 30-days</u>
Reference:	<u>High Performance Flooring</u> <u>System with Joint Sealing at</u> <u>Nassau Sheriff Vehicle Maint.</u> <u>and Processing Areas.</u>	Salesperson:	<u>Mack Queen</u>
		Special Terms:	

***WE ARE PLEASED TO QUOTE ON GOODS AND SERVICES NAMED.***

**CONDITIONS:** *The prices and terms on this quotation are not subject to verbal changes or other agreements unless approved in writing by the Home Office of the seller. All quotations and agreements are contingent upon strikes, accidents, fires, availability, materials and other causes beyond our control. Prices are based on costs and conditions existing on date of quotation and are subject to change by the seller.*

*Typographical and stenographic errors are subject to correction. When quotation specifies material to be furnished by the purchaser, ample allowance must be made for reasonable installation. I.S.L. will not be liable for any damages due to structural defects, water damage, moisture vapor pressure, damage from other trades, protection of work and all other incidents beyond our control. Customer will be liable for all cost for collection of payment to include attorney fee's, court cost, interest and late fee's.*

*Terms inconsistent with these stated which appear on purchaser format will not be binding on the seller. Signature or contract confirms acceptance of terms stated.*

"Engineered Solutions for Industry"



**DUR-A-FLEX<sup>®</sup> Inc.**EPOXIES • MMA • URETHANES  
COLORED QUARTZ AGGREGATES95 Goodwin Street  
East Hartford, CT 06108Tel: 860-528-9838 • Toll Free 800-253-3539 • Fax: 860-528-2802 • Internet: [www.dur-a-flex.com](http://www.dur-a-flex.com) • E-Mail: [info@dur-a-flex.com](mailto:info@dur-a-flex.com)

## SHOP FLOOR

### DESCRIPTION

SHOP FLOOR Epoxy Flooring is a combination of pigmented DUR-A-GLAZE SHOP FLOOR, a 100% solids epoxy and Ottawa Flintshot and natural quartz sand. The epoxy and the quartz aggregate are fused together during application into a monolithic surface that is extremely durable. thickness ranges from 1/16" - 1/4". SHOP FLOOR Epoxy Flooring is similar in application technique, durability and chemical resistance to the time tested DUR-A-QUARTZ Epoxy Flooring. It is available in three different textures; standard non-skid, orange peel and smooth.

### BENEFITS

- Excellent Clarity
- Low Odor
- Meets USDA, FDA, OSHA standards
- Superior Adhesion
- Superior Chemical Resistance
- Easy Maintenance

### COLORS

SHOP FLOOR is available in 15 standard colors. Please refer to the Standard Color Chart @ <http://www.dur-a-flex.com/Documents/Standard%20Color%20Chart.pdf>. Custom colors are available upon request.

### TYPICAL USES

SHOP FLOOR Epoxy Flooring is designed for use wherever USDA, OSHA, FDA and EPA standards must be met. It can be applied on most sound substrates including concrete, quarry tile, brick pavers, steel decks, plywood floors, etc. It is ideally suited for heavy-duty industrial applications, particularly in areas requiring durability, easy maintenance, a high degree of sanitation, and high acid and chemical resistance. SHOP FLOOR Epoxy Flooring will protect a new concrete floor from industrial abuse and harsh chemical spillage, and it will restore deteriorated concrete into a better than new condition. Typical areas of application:

- |                   |                         |
|-------------------|-------------------------|
| • Laboratories    | • Manufacturing Areas   |
| • Traffic Aisles  | • Fire Stations         |
| • Machine Shops   | • Pharmaceutical Plants |
| • Walk In Coolers | • Mechanical Rooms      |
| • Clean Rooms     | • Animal Care Areas     |

### SURFACE PREPARATION

This product requires preparation in order to perform as expected. Substrate must be profiled, clean, sound, and dry. Substrate must be primed with DUR-A-SHIELD, DUR-A-POXY HIGH GLOSS, or DUR-A-GLAZE TIE-COAT. Please refer to the master "Surface Preparation Guide" for more information.

### APPLICATION METHOD/SPREAD RATE

SHOP FLOOR is applied with a roller, squeegee or trowel. A typical yield at 1/8" thickness is approximately 30 Sq Ft per gallon of epoxy and 3/4 lb of Flintshot aggregate per Sq Ft. See SHOP FLOOR application instruction sheet for complete instructions.

### LIMITATIONS

This product is best suited for application in temperatures between 55° F and 95° F. Substrate must be clean, sound and dry. Eroded or spalled areas must be "filled and leveled" with an epoxy grout composed of DUR-A-GLAZE #4 and aggregate.

### PACKAGING

SHOP FLOOR is available in 1-gallon cans, 5-gallon pails, and 50-gallon drums. Flintshot quartz sand is available in 100 lb bags.

### CHEMICAL RESISTANCE

This product is resistant to many common chemicals. Please refer to the master "Chemical Resistance Chart" for actual resistance to specific chemicals/reagents.

### GUIDE SPECIFICATIONS

This product is part of the DUR-A-FLEX family of polymer systems. Please contact DUR-A-FLEX for complete three part guide specs.

### MOISTURE CONCERNS

Please refer to the [Floor Evaluation Flow Chart](#) in the Contractor's Center of our website for a step-by-step process to determine the condition of the concrete.

### JOINT GUIDELINES

Refer to the [Joint Guidelines](#) for complete details on our website.

\*Warranties. Seller warrants that its goods, as described on the face hereof, are free from any defects in material or workmanship. Seller makes no other warranty, express or implied, and all implied warranties of merchantability and fitness for a particular purpose are hereby disclaimed. Seller shall not be liable for prospective profits or special indirect or consequential damages. Seller's sole liability and buyer's exclusive remedy for breach of any warranty as expressly limited, at seller's option, to replacement at the original F.O.B. point or refund of purchase price. Seller shall not be responsible for any claim resulting from failure to utilize product in the manner in which it was intended and in accordance with instruction provided for use of product. Any claim for breach of warranty shall be deemed waived unless buyer shall give seller written notice of such claim within sixty (60) days after delivery and shall allow seller reasonable opportunity to investigate claim and inspect product.\*

# SHOP FLOOR

## TECHNICAL INFORMATION

Physical Property	Test Method	Result
Hardness (Shore D)	ASTM D-2240	75-80
Compressive Strength	ASTM D-695 ASTM C-579	17,500 psi 12,500 psi
Tensile Strength	ASTM D-638 ASTM C-307	4,000 psi 2,600 psi
Tensile Elongation	ASTM D-638	7.50%
Flexural Strength	ASTM D-790 ASTM C-580	6,250 psi 4,500 psi
Flexural Modulus of Elasticity	ASTM D-790	$6.2 \times 10^5$
Coefficient of Linear Expansion	ASTM D-696	$2 \times 10^{-5}$
Bond Strength to Concrete	ASTM D-4541	400 psi substrate fails
Indentation	ML D-3134	.025 MAX
Impact Resistance	ML D-3134	Pass
Water Absorption	ASTM D-570	0.04%
Heat Resistance Limitation		140°F - 200°F
Flammability	ASTM D-635	Self Extinguishing
Flame Spread/NFPA 101	ASTM E-84	Class A
Abrasion Resistance CS17 Wheel 1000 GM Load 1000 Cycles	ASTM D-4060	24 mg loss
Coefficient of Friction Standard Slip-Resistant Orange Peel Smooth	ASTM D-2047	0.9 0.8 0.7
VOC Content		7.92 g/l

\* Pot life is shorter at higher temperature. Do not use below 55°F or above 95°F

\*\* Cold Cure Hardener is to be used for applications between 40°F and 55°F.

### SPECIAL PURPOSE FORMULATIONS

**DUR-A-GLAZE #4 "Regular"** – For most typical installations under normal conditions.

**DUR-A-GLAZE #4 "Cold Cure"** - For cold area applications when temperature cannot be maintained over 55°F and when a more rapid cure is required at normal temperatures. These will amber as topcoat.

**DUR-A-GLAZE #4 "Fast"** – Use for intermediate coats in room temperature areas where fast turnaround is desired.

**DUR-A-GLAZE #4 "Water Clear"** - Ideal for top-coating quartz floors. Has excellent color retention. May be used in warm temperatures when longer pot life is required.

**DUR-A-GLAZE #4 "Damp Primer"** - For use as a Prime Coat or a Base Coat on new concrete (28 to 120 days old) or freshly acid etched concrete, or when a surface cannot be dried thoroughly.

### DRAWINGS AND DETAILS

Standard CAD drawings and details are available for coves, drains, breaches, transitions, etc. Please contact DUR-A-FLEX for actual drawings.

### CLEANING

This product is considered to be a low maintenance flooring solution; however, certain textures and service environments require specific procedures. Please refer to the master "Cleaning Guide".

### CAUTION

Follow the Hazardous Materials Identification System labeling guide for proper personal protective equipment to use when handling this product. Use only as directed. **KEEP OUT OF REACH OF CHILDREN.**

*Before using any DUR-A-FLEX, Inc. product, be sure the Material Safety Data Sheet is read and understood.*

## ARMOR TOP

### DESCRIPTION

ARMOR TOP is a two, three or four component aliphatic urethane protective coating. It was formulated for high traffic areas to protect against chemicals and wear. It is available in either a clear or pigmented, gloss or satin finish, and with or without high wear resistant aluminum oxide (grit).

### BENEFITS

- VOC- 0 g/L clear (<100 g/L pigmented)
- Low Odor
- Light Stable
- Excellent Abrasion Resistance, 3 to 4 times better than other urethanes; 9 times better than epoxies
- Excellent Chemical Resistance

### TYPICAL USES

It is designed to be used as a final topcoat over DUR-A-FLEX epoxy systems.

### COLORS

ARMOR-TOP is available clear or in 15 standard colors. Please refer to the Standard Color Chart on our website. Custom colors are available upon request.

### LIMITATIONS

Do not drip and leave excess material on the floor as this could lead to blistering. ARMOR TOP should not be applied more than 3 mils wet. During application, DO NOT use 9 inch rollers and make sure that the floor temperature and materials are between 60°F and 80°F. Do not coat floor if moisture is present. Do not coat floor unless floor temp is more than 5 degrees over the dew point. Do not apply if RH >80%. Do not apply ARMOR TOP over epoxies cured with FAST hardener. ARMOR TOP should be pigmented when applied over pigmented systems. Dry Time is slower when Relative Humidity is less than 30%. For vertical applications, two coats are required – the second coat must be applied within 24 hours of the first. Do not apply Armor Top clear with Armor Top grit on a smooth floor (like Dur-A-Gard, ReFLEXions, etc.) as roller lines may be visible.

For applications where humidity is less than 30% use ARMOR TOP LH. This is available in gloss finish only. Tack-free time is approximately 6 hours. All other data remains the same as standard ARMOR TOP gloss.

When recoating Armor-Top after the re-coat window has passed (24 hours or longer), aggressively sand the floor using a floor machine with 36 grit paper to remove gloss then solvent wipe with Xylene. Apply DUR-A-GLAZE #4 (use Regular or Water-Clear Hardener ONLY) with SUPER-STICK as a binder primer for succeeding coat. At 60°F the

primer must cure for a minimum of 12 - 16 hours (depending on hardener used). Please refer to the SUPER-STICK Product Data Sheet on our website for complete application instructions.

### APPLICATION INSTRUCTIONS

NOTE: DUR-A-GLAZE #4 Reg. Hardener/Water Clear with DUR-A-GLAZE #4 Resin/SHOP FLOOR or DUR-A-GARD Regular with DUR-A-GARD Resin should be used as the undercoat for this system. ARMOR TOP is typically applied using the dip and roll method with a 18" long 3/8" nap roller with a Wide Boy™ or Big Ben™ frame. Applicators should wear spiked shoes (cross roll). DUR-A-FLEX, Inc. recommends Big Ben™ roller frames when using white or light colors.

1. Pour ARMOR TOP hardener into a 2 gallon bucket. If color is desired, add ARMOR TOP Colorant; mix for 30 seconds. Add ARMOR TOP resin and mix for 30 seconds. If specified, slowly add ARMOR TOP Grit and continue mixing for an additional minute. Pour a small amount into a dip and roll tray that is large enough to accommodate an 18 inch roller.

2. Dip roller cover into paint tray and roll off excess. Apply two 8-10 foot long paths left to right then right to left. Re-wet roller and continue application. Even out roller lines by using W shaped crosses and/or up & down passes. If not even, re-roll up and down until uniform. A final cross-roll is necessary to even out roller lines and should be completed within 10 minutes.

3. Occasionally remix ARMOR TOP in tray or bucket with a stick to prevent settling of the grit/powder.

4. For line striping applications use Dur-a-Gard Bright Yellow with Superstick. Topcoat with Armor Top Bright Yellow.

### KIT SPREAD RATES

	<u>Standard</u>	<u>LH</u>
Gloss Clear (w/grit)	575 SF/kit	650 SF/kit
Gloss Clear (no grit)	550 SF/kit	625 SF/kit
Gloss Pigmented (w/grit)	700 SF/kit	775 SF/kit
Gloss Pigmented (no grit)	675 SF/kit	750 SF/kit

	<u>Standard</u>
Satin Clear (w/grit)	775 SF/kit
Satin Clear (no grit)	750 SF/kit
Satin Pigmented (w/grit)	850 SF/kit
Satin Pigmented (no grit)	825 SF/kit

NOTE: Armor Top is sold in kits only. Spread rates vary due to differences in gloss and satin kit sizes.

\*Warranties: Seller warrants that its goods, as described on the face hereof, are free from any defects in material or workmanship. SELLER MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. SELLER SHALL NOT BE LIABLE FOR PROSPECTIVE PROFITS OR SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES. Seller's sole liability and buyer's exclusive remedy for breach of any warranty as expressly limited at seller's option, is replacement at the original F.O.B. point or refund of purchase price, but in no event will Seller's liability exceed the total purchase price of the defective product. Seller shall not be responsible for any claim resulting from failure to utilize product in the manner in which it was intended and in accordance with instruction provided for use of product. Any claim for breach of warranty shall be deemed waived unless buyer shall give seller written notice of such claim within sixty (60) days after delivery and shall allow seller reasonable opportunity to investigate claim and inspect product.

# ARMOR-TOP

## TECHNICAL INFORMATION

VOC in g/L	0 - clear <100 pigmented	
% Solids by Weight	95.2	
% Solids by Volume	92.5	
Tensile Strength, psi, ASTM D 2370	7,000	
Hardness ASTM D 3363	>4H	
Taber Abrasion Resistance A&B ASTM D 4060, 1000g load, 1000 cycles, CS-17 wheel after full cure	<u>Satin finish</u> with grit – 8 mg. loss no grit – 12 mg. loss	<u>Gloss finish</u> with grit - 4 mg. loss no grit - 10 mg. loss
Adhesion ASTM D 4541	Substrate Failure	
UV Resistance	Excellent	
Coefficient of Friction ASTM D 2047	>0.60	
60° Gloss ASTM D 523	Satin: 50 +/-10 Gloss: 75 +/-10	
Mixed Viscosity (Brookfield, 25°C, CPS)	500	
Flash Point, Closed cup test	110°F	
Pot life, 70° F, 50% R.H.	45 minutes	
Working time on Floor, 70°F, 50% R.H.	Armor Top Satin: 10 minutes Armor Top Gloss: 10 minutes	
Recoat Window	< 24 hours	
Tack Free Time (hrs.)	Armor Top Satin	Armor Top Gloss
90°F, 80% R.H.	1 hour	1-3/4 hours
90°F, 50% R.H.	2 hours	3-1/2 hours
90°F, 35% R.H.	4 hours	5 hours
75°F, 80% R.H.	1 hour	2 hours
75°F, 50% R.H.	3 hours	4 hours
75°F, 35% R.H.	5 hours	6 hours
60°F, 80% R.H.	2 hours	2-1/4 hours
60°F, 50% R.H.	3 hours	4 hours
60°F, 35% R.H.	6 hours	7 hours
Return to Service	24 hours	
Full Chemical Resistance	7 days	

### MOISTURE CONCERNS

Please refer to the Floor Evaluation Guidelines in the Contractor's Center of our website.

### JOINT GUIDELINES

Refer to the Joint Guidelines for complete details on our website.

### PACKAGING

ARMOR TOP is available in kits only.

### CLEANING

This product is considered a low maintenance flooring solution; however certain textures and service environments do require certain procedures. Please refer to the master Cleaning Guide on our website.

### CAUTION

Follow the Hazardous Materials Identification System labeling guide for proper personal protective equipment to use when handling this product. Use only as directed. **KEEP OUT OF REACH OF CHILDREN.**

