

BARNSCO

7800 Dix Street
Detroit, Michigan 48209
PH: 877-227-6786 FAX: 313-335-3121

Contract ID:Project #: 82000-205935 Date of Shipment: 10/14/2019
Contractor: MERLO CONSTRUCTION Shipper/Invoice # 18435/3828

RECERTIFICATION

We certify that the following described material meets the specification requirements of the MICHIGAN DEPARTMENT OF TRANSPORTATION for the above project and this material is certified by the manufacturers indicated below

MATERIAL NAME, MDOT/Industry:	#5 X 1'-6" TIEBAR STR. EPOXY
MDOT SPEC #	914.09
MANUFACTURER	SIMCOTE
LOT, HEAT OR IDENTIFICATION	18106830/9196029111
QUANTITY:	600 PIECES

MATERIAL NAME, MDOT/Industry:	
MDOT SPEC #	
MANUFACTURER	
LOT, HEAT OR IDENTIFICATION	
QUANTITY:	

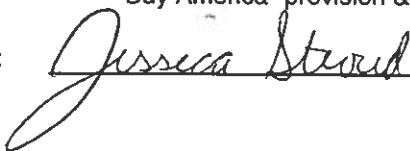
MATERIAL NAME, MDOT/Industry:	
MDOT SPEC #	
MANUFACTURER	
LOT, HEAT OR IDENTIFICATION	
QUANTITY:	

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MANUFACTURER	
LOT, HEAT OR IDENTIFICATION	
QUANTITY:	

MATERIAL NAME, MDOT/Industry:	
MDOT SPEC #	
MANUFACTURER	
LOT, HEAT OR IDENTIFICATION	
QUANTITY:	

All steel furnished on this certification is of domestic origin and is in compliance with the project "Buy America" provision & all processes performed within the United States

Signed:



TITLE:

Highway Department



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Detroit, Michigan 48209
PH: 877-227-6786 FAX: 313-335-3121

Date of Shipment 10/14/2019
Shipper/Invoice # 18435/3828

Project & Job No.: 82000-205935
Contractor: MERLO CONSTRUCTION

RECERTIFICATION OF STEEL BAR REINFORCEMENT

We certify that the following described material meets the specification requirements of the MICHIGAN DEPARTMENT OF TRANSPORTATION for the above project and is material certified by the manufacturers

EPOXY COATED RESTEEL

					QUANTITY SHIPPED		
COATER	BAR MANUFACTURER	HEAT NO	POWDER NO	BAR SIZE	GRADE	WEIGHT LBS	WEIGHT kg
ABC COATING	CMC	7001173	4397823	4	60	2,004	909.0144
							0.0000
							0.0000
							0.0000
							0.0000
							0.0000
							0.0000
							0.0000
					TOTAL	2004	909.0144

PLAIN BAR STEEL REINFORCEMENT

		QUANTITY SHIPPED			
BAR MANUFACTURER	HEAT NO.	BAR SIZE	GRADE	WEIGHT LBS	WEIGHT kg
					0.0000
					0.0000
					0.0000
					0.0000
					0.0000
					0.0000
					0.0000
					0.0000
		TOTAL		0	0.0000

All steel furnished on this certification is of domestic origin and is in compliance with the project "Buy America" provision & all processes performed within the United States

SIGNED: Jessica Steward
TITLE: Highway Department



SIMCOTE, INC.

CERTIFICATION OF EPOXY COATED REBAR

DATE: August 26, 2019

PROJECT: _____ JOB NO.: _____ BRIDGE: _____

STATE OF MICHIGAN CONTRACTOR: _____

CUSTOMER: Barnsco (Detroit) ORDER NUMBER: 64186 UFV

We certify that the following described bar material has been cleaned, coated and inspected in accordance with the requirements of the Michigan Department of Transportation and ASTM D 3963. All epoxy coating was applied in the U.S.A.

Bar Manufacturer	Heat Number	Size	Weight (lbs.)	Type	Batch Number
Nucor Steel - Ohio	18106830	5	46,935#		9196029111

_____ CERTIFICATION FOR THE ABOVE BAR MATERIALS AND RESIN HAVE BEEN RECEIVED AND ARE ON FILE

 x ATTACHED ARE CERTIFICATIONS FOR THE ABOVE BAR MATERIAL AND RESIN.

_____ ABOVE ARE MATERIAL APPROVED BY MICHIGAN DEPARTMENT OF TRANSPORTATION PER REPORT
NUMBERS OF CERTIFICATIONS FOR RESIN ON FILE.

_____ ABOVE BAR MATERIAL APPROVED BY MICHIGAN DEPARTMENT OF TRANSPORTATION PER REPORT
NUMBERS OF CERTIFICATIONS FOR RESIN ATTACHED.

SIGNED:

William A. Maniaci

William A. Maniaci
General Manager-Ohio Division



1645 Red Rock Rd. • St. Paul MN 55119
Phone (651) 735-9660 • Fax # (651) 735-9664



250 N. Greenwood St. • Marion, OH 43302
Phone (740) 382-5000 • Fax # (740) 383-1167



Sold To: SIMCOTE INC
 250 N GREENWOOD ST
 MARION, OH 43302
 (740) 382-5000
 Fax: (740) 383-1167

Ship To: SIMCOTE INC - MARION
 250 N GREENWOOD ST
 MARION, OH 43302
 (740) 382-5000
 Fax: (740) 383-1167

Customer P.O.	OH-2151	Sales Order	256415.2
Product Group	Rebar	Part Number	90000016720420C
Grade	ASTM A615/A615M-16 GR 60 AASHTO M31-15	Lot #	MR1810683001
Size	16/#5 Rebar	Heat #	MR18106830
Product	16/#5 Rebar (Coatable) 60' A615M GR420 (Gr60)	B.L. Number	H1-444521
Description	A615M GR 420 (Gr60) Coatable	Load Number	H1-172198
Customer Spec		Customer Part #	

I hereby certify that the material described herein has been manufactured in accordance with the specifications and standards listed above and that it satisfies those requirements.

Roll Date: 1/16/2019 Melt Date: 12/31/2018 Qty Shipped LBS: 9,012 Qty Shipped Pcs: 144

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V
0.42%	1.06%	0.014%	0.047%	0.21%	0.31%	0.10%	0.13%	0.047%	0.0047%

Yield 1: 65,300psi

Tensile 1: 103,500psi

Elongation: 11.5% in 8"(% in 203.3mm)

Bend OK

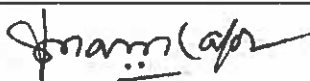
Weight Variation -003.9%

Avg Deformation Height: 0.040in

Specification Comments:

ALL MANUFACTURING PROCESSES OF THE STEEL MATERIALS IN THIS PRODUCT, INCLUDING MELTING, HAVE OCCURRED WITHIN THE UNITED STATES. ALL PRODUCTS PRODUCED ARE WELD FREE. MERCURY, IN ANY FORM, HAS NOT BEEN USED IN THE PRODUCTION OR TESTING OF THIS MATERIAL.

18106830 02-11-19



Ignatius Okafor

Division Metallurgist

Valspar Corporation**CERTIFICATION of COMPLIANCE**

Date: 1/25/2019

Specification: ASTM A775, ASTM A1078, AASHTO M284, AASHTO M254

Valspar Product Code: 720A009 (Epoxy Powder for Coating)

Batch Number: 9196029111

Production Date: 1/18/2019 (Expiration is 6 months post production date)

Batch Size: 11,800 lbs.

I hereby certify that the above lot of material was manufactured to formulation, meeting all the requirements of the above specifications and that this material is chemically the same material that was tested by Valley Forge Laboratories of Devon, PA. or Wiss, Janney, Elstner Associates of Northbrook, IL.

The individual signing below has the legal authority to bind Valspar to the material.

Eric Gregory / Q.C. Supervisor
 Name and Title
Eric Gregory
 Signature
1/25/19
 Date

10300 Claude Freeman Drive
 Charlotte, NC 28262
 Phone: (704) 548-2820
 Fax: (704) 547-0634

State/Commonwealth NC County of Mecklenburg
 On this the 25 Day of January, 2019, before me Michael W. Deal
 Name of Notary Public
 The undersigned Notary Public, personally appeared Eric Gregory ☒ personally known to me
 Name(s) of Signer(s)

To be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same for the purposes therein stated.

Witness my hand and official seal

Michael W. Deal
 Signature of Notary Public

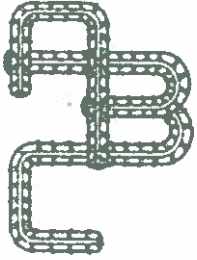
9-67-2020
 Other Required Information (Printed Name of Notary, Residence, etc.)



The articles identified above were produced in the United States and qualify as "U.S.-made end products", "domestic construction materials" and "domestic manufactured goods"

The data on this sheet represent measured values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. UNLESS VALSPAR AGREES OTHERWISE IN WRITING, VALSPAR MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. VALSPAR WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option.

ABC COATING CO. OF MICHIGAN, INC.



1503 BURLINGAME S.W.
P.O. BOX 9484
WYOMING, MICHIGAN 49501
(616) 245-4626
FAX (616) 245-7667

AN ACUÑA CO.

DATE SHIPPED: 5/15/19
OUR JOB NO: MI 929
CUSTOMER: Barnsco
CUSTOMER PO NO: 144440-00

CONTRACTOR: Barnsco
COUNTY:
PROJECT: YARD STOCK
JOB:

We certify that the following described material meets the specification requirements of ASTM A775-17.
All steel furnished is of domestic origin and is in compliance with the project "Buy America" provision.
Manufacturer's Certifications for the bar and epoxy resin are on file.
All coating and fabrication was done in Wyoming, MI, USA.

Mill	Lot / Heat	Powder	Size	Weight
NUCOR	2 360000020620	4263572	5/16	291
CMC	1 7000901	4397823	5/16	7,040
CMC	0 7001173	4397823	5/16	39,604
				46,935

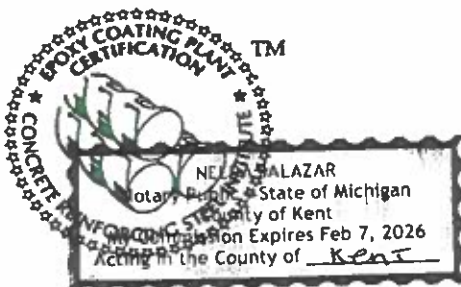
Certifications for the listed material and resin are attached.

STATE OF MICHIGAN)
COUNTY OF KENT)

Carrie L. Sayers, Vice-President
SUBSCRIBED AND SWORN BEFORE ME, a
Notary Public in and for the said County and State,
on this 14TH day of MAY 2019

My commission expires 02-07-2026

Notary Public in and for Grand Rapids, Michigan





CMC STEEL TENNESSEE
1919 Tennessee Avenue
Knoxville TN 37921-2686

CERTIFIED MILL TEST REPORT
For additional copies call

We hereby certify that the test results presented here
are accurate and conform to the reported grade specification

Jim Hall
Jim Hall
Quality Assurance Manager

EAT NO.: 7001173 SECTION: REBAR 16MM (#5) 60"0" 420/60 GRADE: ASTM A615-18e1 Gr 420/60 ROLL DATE: 04/08/2019 MILL DATE: 04/08/2019 MILL NO.: 82689549 / 001173L002		S O L D T O		ABC Coating Co - Tulsa 2236 S Yukon Ave Tulsa OK US 74107-2765 9185852587 9185858131		S H I P T O		CPU Chicago Depot 13535 S Torrence Ave Chicago IL US 60633-2164 7736466363		Delivery#: 82689549 BOL#: 1758858 CUST PO#: M1186 CUST P/N: DLVRY LBS / HEAT: 9387.000 LB DLVRY PCS / HEAT: 150 EA			
Characteristic		Value		Characteristic				Value		Characteristic		Value	
C	0.32%	Rebar Deformation Avg. Height				0.048IN				The Following is true of the material represented by this MTR: *Material is fully killed *100% melted and rolled in the USA *EN10204 2004 3 1 compliant *Contains no weld repair *Contains no Mercury contamination *Manufactured in accordance with the latest version of the plant quality manual *Meets the "Buy America" requirements of 23 CFR635 410. 49 CFR 661 *Warning: This product can expose you to chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov			
Mn	0.57%	Rebar Deformation Max. Gap				0.122IN							
P	0.009%												
S	0.044%												
Si	0.20%												
Cu	0.31%												
Cr	0.12%												
Ni	0.09%												
Mo	0.006%												
V	0.004%												
Sn	0.010%												
Yield Strength test 1													
Yield Strength test 1 (metric)													
Tensile Strength test 1													
Tensile Strength 1 (metric)													
Elongation test 1													
Elongation Gage Lgth test 1													
Elongation Gage Lgth 1(metric)													
Bend Test 1													
Rebar Deformation Avg. Spaci													

MARKS :



CERTIFICATE OF COMPLIANCE

Material: Nap-Gard® 7-2750 Green Rebar Fusion Bonded-Epoxy powder coating for concrete reinforced steel bar.

This is to certify that the batch number of Nap-Gard® 7-2750 Green Rebar FBE listed below is chemically the same material that was tested by Valley Forge Laboratories of Devon, PA., Wiss, Janney, Elstner Associates of Northbrook, IL., or Exova of Houston, TX to ASTM A775. I certify that it meets the requirements of ASTM A775, ASTM A884, and ASHTO M284.

The following batch was manufactured in the United States.

<u>Batch Number</u>	<u>Lot Number</u>	<u>Date of Manufacture</u>	<u>Date of Expiration</u>	<u>Batch Size (Lbs)</u>
4397823	4397823	March 04, 2019	September 04, 2019	30,000

Shelf Life: 6 Months < 80°F

RECEIVED
4-1-19

Sincerely,

Cesar Martinez
Quality Control

WARRANTY POLICY: Axalta Coating Systems LLC. ("Seller") certifies that all coatings delivered to Customer in unopened factory filled containers meet all pertinent quality standards presented in Seller's current published literature. Since matters of surface preparation, application procedures, curing procedures and other local factors that affect coating performance are beyond Seller's control, Seller assumes no liability for coating failure other than to supply replacement material for coating material proven to be defective. Customer will determine suitability of this product for its use and thereby assumes all risks and liabilities in connection therewith. Seller will not be liable for any injuries, damages or other losses derived, directly or indirectly, from or as a consequence of Customer's use of the product. SELLER DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, RELATING TO ITS PRODUCTS AND THEIR APPLICATION, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSES.

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ISO 9001:2015

