TECHNICAL BULLETIN

FLORIDA WALL & CEILING CONTRACTORS ASSOCIATION
"Providing Florida with Quality Craftsmanship"

DISSEMINATED ELECTRONICALLY TO MEMBERS ONLY OF THE FLORIDA WALL & CEILING CONTRACTORS ASSOCIATION

ISSUE 40, MARCH 2016

IMPORTANT NEW CONVENTION REGISTRATION AND TRADE SHOW POLICY EFFECTIVE JULY 2016

"The FWCCA Board would like to thank all our members for making this such a wonderful association. We also want to thank you for making the annual convention such a huge success each year by your participation. In regards to the Annual convention and trade show, we are making modifications to how "free passes" and the discounted Hotel room block is distributed. These changes are designed to encourage maximum participation for our contractors while at the show while ensuring full convention registrants and exhibitors have primary access to the room block and preferred access to the show. Effective with the July 2016 Convention & Trade Show:

CONTRACTOR MEMBERS & THEIR EMPLOYEES: Trade show access will be free. We simply request you pre-register to avoid long lines at the registration desk. You can pre-register either with the new revised convention registration form inside the convention brochure or go to our website and use the link to the registration form on line. At least ONE person from a company MUST be a paid pre-registrant to utilize rooms from the FWCCA Room Block.

ASSOCIATE MEMBERS & EMPLOYEES: NON-EXHIBITING Associate Members and their employees will be charged $50.00 per person for access to the show and pre-registration is necessary to avoid long lines at the registration desk. ONLY EXHIBITING ASSOCIATE MEMBERS will have access to the room block.

NON-CONTRACTOR MEMBERS & EMPLOYEES: Non-Member contractors will be charged $50.00 per person for access to the show UNLESS they become a member of FWCCA. Then,

PO BOX 180458 - CASSELBERRY, FL 32718-0458 - 407-260-1313 - FWCCA@IAG.NET - WWW.FWCCA.ORG

admittance to the show for them and their employees is FREE. (We currently are running a membership special-any contractor who joins FWCCA between now and July 1st gets 2 FREE Field Personnel Registrations for Friday & Saturday. This includes classes on both Friday & Saturday, food, all hand-out materials and admittance to the show hall on Friday & Saturday. (This is to provide our existing contractor members protection of benefits.) NON-MEMBERS will NOT have access to the FWCCA Room Block.

NON-ASSOCIATE MEMBERS; will be charged $250.00 for access to the show with NO ACCESS to the room block.

ALL FULL CONVENTION REGISTRANTS HAVE ACCESS TO THE ROOM BLOCK AND ALL CONVENTION ACTIVITIES, EVENTS, CLASSES, EXHIBIT HALL, AND SATURDAY NIGHT'S THEME PARTY.

FWCCA WELCOMES NEW MEMBERS

PAULA GRAHAM
SALES STRATEGIES, INC

THOMAS REEDY
EAGLE FINISHES

JESSIE GRANT
OHIO STATE STUCCO CO

PATRICK TIERI
CONSTRUCTION COATING GROUP

CARLOS MORENO
EXTERIOR WALLS INC

REMINDER

SCHOLARSHIP APPLICATION DEADLINE
MAY 1ST, 2016

FWCCA MEMBERS NEW PRODUCTS & INFORMATION

OSHA UPDATES
BY CARLOS VALASCO
ACOUSTI ENGINEERING

1. Fall Protection
    a. Stilt Usage: Importance of protecting your company from liability and your employees from injury.
        i. Protecting Your Company:
            1. Training (Videos, Stilt Manuals, Etc.)
            2. Inspection (Policies for Inspecting Stilts, Daily/Weekly Inspection Forms, Pre-Start Job Walks to Look for Hazards)
            3. Accident Investigation (What caused an accident, what is the employ's take on an accident?)
        ii. Protecting Your Employees:
            1. Training for proper stilt use
            2. Ensuring Employees meet stilt requirements (weight, balance, other health factors)
            3. Educating Employees about proper stilt use (hazards to look out for; what conditions are not acceptable for stilt use, taking breaks, mounting/dismounting procedures)
    b. Mobile Scaffolds: Standard Baker Scaffolds vs. Scissor Lifts vs Motorized Scaffolds
        i. Standard Scaffolds
            1. Great for Enclosed Spaces, Tight Jobs
            2. Difficult to move once mounted
            3. Scaffold "Surfing" or "Walking" is Unlawful and Dangerous
        ii. Scissor Lifts
            1. Great for Tall Jobs, Large Jobs that Require lots of Scaffold Movement
            2. More narrow scope of use than other scaffolds due to drawbacks
            3. Drawbacks: rental can be costly, employees must be trained to use, failure to train can result in fines
        iii. Motorized Scaffolds
            1. Work best in medium to large size jobs but are often compatible with smaller jobs
            2. Ease of movement
            3. "Happy compromise" between fixed scaffolding and bigger, bulkier scissor lifts
            4. Less training required
            5. Drawbacks: Requires somewhat frequent charging, replacement components more costly than traditional fixed scaffolds
    c. Retractable Lanyards: Quick, Easy, and Safe: A Better Alternative to Traditional Fall Arrest Systems
        i. Traditional Lanyards require precise measurement and calculations to properly arrest falls, employees often misuse traditional lanyards even if properly trained, due to

emphasis on speed of work completion traditional lanyards consume valuable time OR pose a significant risk to employee safety and expose employers to fines, injuries, and increased mod rates

ii. Retractable Lanyards properly arrest falls at almost any height, require virtually no calculations, and can stop an employ's fall on a dime. Drawbacks: more costly up front, may require more maintenance or replacement.

2. Safety Culture / Safety Policies
    a. Safety Culture
        i. Establishing and maintain a strong corporate culture of safety is critical to keeping your losses down, your employees safe, and your EMR and OSHA numbers low. A company's safety culture needs to be top-down with management buy-in and a genuine belief that safety is priority one above any time-tables, costs, etc.
    b. Safety Policies
        i. Establishing and maintaining a set of clearly communicated safety policies is critical to keeping your employees safe, reducing worker's comp cases and claims, and staying on the right side of OSHA.
        ii. The most stringent safety rules and regulations on any job site are the minimum safety rules and regulations for that site; whether that is the GC's rules and regulations, your company's rules and regulations, or OSHA's rules and regulations. (EG: If the GC doesn't require 100% eye protection nor does OSHA but your corporate safety policy requires 100% safety glasses your employees *must* wear their safety glasses at all times)
3. Employee Training: CPR, First Aid, OSHA 10, OSHA 30, and other training
    a. Importance of Employee Training
        i. Employee training is seeing a dramatically increased emphasis from customers and general contractors. Many jobs (especially US government contracts) now require your employees to hold OSHA 10 or OSHA 30 hour certifications. Many private jobs (Lockheed Martin, Northrop Grumman, etc.) now have an increased emphasis on safety and training as an accident on a job site for them causes their name to appear in the media; they DO NOT want to be associated with an accident.
    b. Key Training and Why Your Employees Need It
        i. OSHA 10: Almost all field employees should have an OSHA 10 in today's industry. The training requires two days and is not prohibitively expensive to obtain, employees can complete their OSHA 10 online from many providers quickly and relatively inexpensively. Completing an OSHA 10 will allow the employee to work on *most* job sites that require some level of safety training and the employee will be much more competent in regards to safety matters leading to a reduced risk in on the job injuries.
        ii. OSHA 30: More and more jobs are requiring workers to have OSHA 30 certifications. Currently it is somewhat impractical to expect all employees to obtain and hold an OSHA 30 due to this certification requiring 5-days minimum of classroom/online time. In general, supervisors (foremen, superintendents, anyone in corporate safety) should all hold OSHA 30 hours. Additionally it may be necessary for field employees to obtain OSHA 30 hour certifications for major government contracts. This is generally positive because it positions senior employees for promotion (an employee with an OSHA 30 certification is more promotable to a foreman or superintendent position than an employee who does not hold this certification).
        iii. First Aid / CPR: Many jobs now require one or all employees on them to be training in First Aid and CPR. It is generally advisable to have all foreman and superintendents hold a certification for First Aid / CPR. Fortunately First Aid / CPR training can be done

fairly quickly and cheaply. An instructor can be hired and can certify a large group in less than one full day's working time.

iv. Miscellaneous Safety Training: Your particular scope of work may require additional training. For Acousti Engineering stilt training is critical as many of our employees work on stilts and in the event of a fall proving an employee has received adequate stilt training can be crucial in helping defend the company against a citation. What other specific types of training does your company currently utilized? What other specific types of training might your company need to consider implementing?

v.

4. EMR and OSHA 300 Logs
    a. EMR
        i. The Experience Modification Rate is becoming more and more important in determining job eligibility in the construction industry. Often a key feature of prequalifications, this rate also determines the rate for your workers' compensation insurance. Keeping this rate as low as possible is critical to success in our industry. As a result, keeping injuries to a minimum, and ensuring an expeditious return to work is very important. Light duty jobs should be found for any employee that has been injured and out of work as a result of injury in order to help keep your EMR as low as possible.
    b. OSHA 300 Logs
        i. Keeping and maintaining your OSHA 300 and 300A forms is not only a good business practice, it is the law. Ensuring that your logs are well-maintained and accurate helps to expedite the process of submitting the information to OSHA annually in January. Some key tips for keeping OSHA 300 log information as favorable as possible: You are allowed to count subcontractor hours in your total hours worked, ensure that the only injuries your safety department includes in calculations for your OSHA logs are actually recordable injuries, and ensure that lost time injuries are accurately reported and that no minor injuries are misreported as lost time injuries.
5. Silica: What's New?
    a. Changed OSHA Standard
        i. The OSHA Crystalline Silica Standard has recently been changed to lower the PEL (Permissible Exposure Limits) to airborne crystalline silica. In practice, what this means is that any product that contains silica (many construction products) now require more controls to reduce employee exposure to silica.
    b. Testing
        i. If you have employees who will be exposed to silica you may be required to test their work environment for the amount of silica they are exposed to and, if the amount of silica exceeds the PEL [an 8-hour weighted average of 50 micrograms of respirable crystalline silica per cubic meter of air (50 μg/m3)] you will be required to utilized engineering solutions to reduce employee exposure to the silica.
    c. Respiratory Protection and Programs
        i. If all other engineering solutions fail, a common fallback for dealing with respirable crystalline silica is to implement a respiratory protection program for employees working with silica. This involves fit-testing, purchasing and utilizing acceptable respirators, and ensuring that employees do not breathe in the silica they will be working with.
    d. Wet Work vs Dry Work and other Controls
        i. There are many engineering controls your company can use to reduce crystalline silica exposure. One of the best and first controls that should be considered is using wet work

instead of dry work when dealing with products containing silica. Essentially this means that if a piece of material containing silica is to be cut an employee should dampen that material with water and use water on the cutting device to ensure that little or no silica becomes airborne respirable dust.

6. Upcoming OSHA Legislation: What Can You Do?
    a. For any proposed OSHA standard update there is a period of time (as determined by OSHA) where employers are permitted to submit feedback regarding the proposed update. This can be done via OSHA's website, or through letter, email, or phone call. Proposed OSHA standard updates are posted to OSHA's website generally several months before implementation and the feedback period should almost always be long enough for employers to have ample time to submit feedback regarding new standards or standard changes. It is critical to involve your company in this process if you wish to ensure that new standards or standard updates remain favorable to your business and your employees.

INFORMATION

This is a critical approval that a limited number of National Distributors/Manufactures receive and directly pertains to Membership. Amongst other approvals, it specifically addresses "Corrosion Approvals." It is strongly suggested that members review current sourcing in Miami/Dade County to insure that their procurement of Wedge Anchors meet this criteria.

Harlan Joelson
SE Regional Manager
Brighton Best International

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
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Miami, Florida 33175-2474
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DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

Brighton Best International, Inc.
12801 Leffingwell Avenue
Santa Fe Springs, CA 90670

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: US Anchor Ultrawedge Anchor

APPROVAL DOCUMENT: Drawing No. **1**, titled "US Anchor Ultrawedge Anchor", sheets 1 through 3 of 3, dated 11/17/2015, prepared by CEL Consulting, Inc., signed and sealed by Lee W. Mattis, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each box shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved or MDCPCA", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1, evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**

MIAMI-DADE COUNTY APPROVED

02/17/2016

NOA No: 14-0902.09
Expiration Date: February 25, 2021
Approval Date: February 25, 2016

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **1**, titled "US Anchor Ultrawedge Anchor", sheets 1 through 3 of 3, dated 11/17/2015, prepared CEL Consulting, Inc., signed and sealed by Lee W. Mattis, P.E.

B. TESTS

1. Test report on Tension and Shear Strength Design Values of 1/2", 5/8" and ¾" diameters US Anchor Ultrawedge Anchors per AC193, ACI 355.2 and ASTM E 488, prepared by CEL Consulting, Inc., Test Report No. **15B269**, dated 03/06/2015, revised on 04/03/2015, signed and sealed by Lee W. Mattis, P.E.
2. Test report on Tension and Shear Strength Design Values of 3/8" diameter US Anchor Ultrawedge Anchors per AC193, ACI 355.2 and ASTM E 488, prepared by CEL Consulting, Inc., Test Report No. **14B256A**, dated 12/08/2014, revised on 12/15/2014 signed and sealed by Lee W. Mattis, P.E.
3. Test report on Corrosion Resistance of 5/8" Ultrawedge Anchors per ASTM G 85, Annex 5 and TAS 114, Appendix E, prepared by Element Materials Technology, Test Report No. **ESP020309P**, dated 07/31/2015, signed by Thomas A. Kolden, P.E.
4. Test report on Corrosion Resistance of 3/8", ½" and ¾" Ultrawedge Anchors per ASTM G 85, Annex 5 and TAS 114, Appendix E, prepared by Element Materials Technology, Test Report No. **ESP019482P**, dated 04/21/2015, signed by Thomas A. Kolden, P.E.

C. CALCULATIONS

1. None.

D. MATERIAL CERTIFICATIONS

1. None.

E. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

F. STATEMENTS

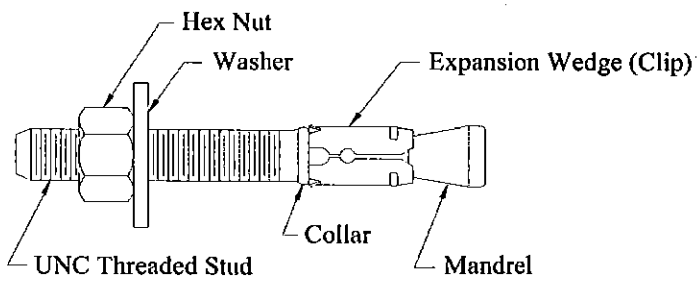
1. Statement letter of code conformance to the 5th edition (2014) FBC and no financial interest issued by CEL Consulting, Inc., dated 11/17/2015, signed and sealed by Lee W. Mattis, P.E.
2. Articles of incorporation of Brighton Best International, Inc., dated 07/19/2010, signed by Glenn Kurosaki.
3. Distributor agreement dated 12/02/2015.

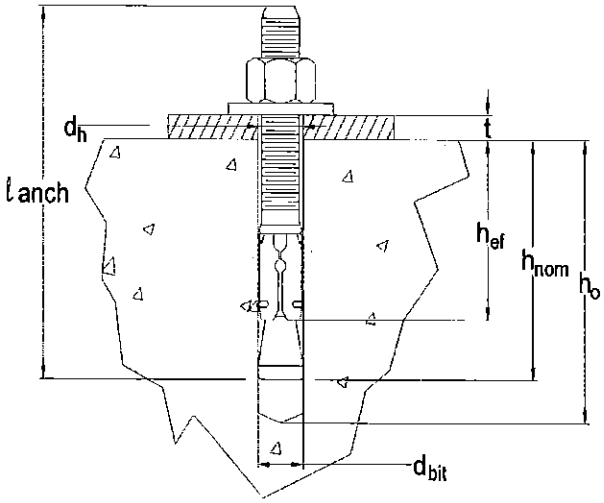
02/17/2016

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 14-0902.09
Expiration Date: February 25, 2021
Approval Date: February 25, 2016

US Anchor Ultrawedge Anchor

Description: The Ultrawedge Wedge Anchor is a torque-controller wedge anchor consisting of a threaded steel stud with a cone mandrel at the embedded end. A clip expander is fitted on the mandrel. The anchor is installed by driving into a hole drilled with a carbide bit of the same nominal diameter as the anchor. The anchor is set by tightening the nut against an attached fixture, forcing the clip outward against the concrete hole wall with increasing pressure as the cone mandrel is drawn upwards. Resistance to withdrawal is developed by a combination of friction and local crushing of the concrete hole wall. The anchor bodies are manufactured from UNS G10350 steel. The clip for the 3/8" size is manufactured from UNS G001005 steel. The clips for the 1/2" 5/8" and 3/4" sizes are manufactured from UNS G001050 steel. All steels are Chinese-sourced meeting the AISI requirements. The anchor bodies and clips have an electroplated zinc coating in conformance to ASTM B633, SC1, Type III.





INSTALLATION INSTRUCTIONS

1. Drill the hole perpendicular to the surface with a carbide tipped bit that meets ANSI B212.15 specification using a rotary hammer drill with percussion. The drill bit size will be the same as the anchor diameter that is being installed.
2. Drill the hole a minimum of 1/2" deeper than the specified nominal embedment, h_{nom}
3. Blow out the hole with compressed air or a blow-out bulb
4. Assemble the nut and washer on the anchor and insert through the hole in the material to be fastened
5. Drive the anchor into the drilled hole with a hammer to at least the required nominal embedment, h_{nom}
6. Torque to the specified installation torque

Approved as complying with the Florida Building Code
Date 02/25/2016
NOA# 14-0902.09
Miami Dade Product Control
By

LEE W. MATTIS LICENSE No. 47797 STATE OF FLORIDA PROFESSIONAL ENGINEER

Lee W. Mattis 11/17/15

Part #	Size x Length (inches)	Part #	Size x Length (inches)
157060	3/8 x 2 1/4	157300	5/8 x 3 1/2
157070	3/8 x 2 3/4	157310	5/8 x 4 1/2
157080	3/8 x 3	157320	5/8 x 5
157090	3/8 x 3 3/4	157330	5/8 x 6
157100	3/8 x 5	157340	5/8 x 7
157110	3/8 x 6 1/2	157350	5/8 x 8 1/2
157180	1/2 x 2 3/4	157360	5/8 x 10
157190	1/2 x 3 3/4	157370	5/8 x 12
157200	1/2 x 4 1/4	157380	3/4 x 4 1/4
157210	1/2 x 4 1/2	157390	3/4 x 4 3/4
157220	1/2 x 5 1/2	157400	3/4 x 5 1/2
157230	1/2 x 7	157410	3/4 x 6 1/4
157240	1/2 x 8 1/2	157420	3/4 x 7
157250	1/2 x 10	157430	3/4 x 8 1/2
157260	1/2 x 12	157440	3/4 x 10
		157450	3/4 x 12

TABLE 1—DATA FOR US ANCHOR ULTRAWEDGE ANCHORS FOR USE IN UNCRACKED CONCRETE [1,2]

CHARACTERISTIC	SYMBOL	UNITS	Nominal Anchor Diameter			
			3/8 inch	1/2 inch	5/8 inch	3/4 inch
Installation Information						
Anchor diameter	d_a (d_o)[3]	in.	3/8	1/2	5/8	3/4
Minimum diameter of hole clearance in fixture	d_h	in.	7/16	9/16	11/16	13/16
Nominal drill bit diameter	d_{bit}	in.	3/8	1/2	5/8	3/4
Minimum nominal embedment depth	h_{nom}	In	2 3/8	2 1/2	3 9/16	4 1/8
Minimum effective embedment depth	h_{ef}	In	2	2	3	3 1/2
Minimum hole depth	h_o	In	2 3/4	3	4	4 1/2
Installation torque	T_{inst}	ft-lb	30	40	60	110
Minimum edge distance	c_{min}	in.	3	7	7	7
Minimum spacing	s_{min}	in.	4	7	7	7
Minimum concrete thickness	h_{min}	in.	4	6	6	8
Critical edge distance	c_{ac}	in.	7	9	9	12
Anchor Design Data						
Category number	1, 2 or 3	–	1	1	1	1
Yield strength of anchor steel	f_{ya}	lb/in^2	105,000	92,200	91,200	93,400
Ultimate strength of anchor steel	f_{uta}	lb/in^2	119,200	103,700	102,650	105,000
Tension						
Effective tensile stress area (neck)	$A_{se,N}$	in^2	0.056	0.110	0.173	0.262
Steel strength in tension	N_{sa}	lb.	6675	11,400	17,760	27,510
Reduction factor for steel failure modes [5]	ϕ	-	0.75			
Effectiveness factor for concrete breakout	k_{uncr}	–	24	24	24	24
Reduction factor for concrete breakout [6]	ϕ	-	0.65 (Condition B)			
Pull-out resistance [4]	$N_{p,uncr}$	lb.	3125	3225	N/A [8]	N/A [8]
Reduction factor for pull-out [6]	ϕ	-	0.65 (Condition B)			
Axial stiffness in service load range	β	lb/in	113,890	363,730	443,850	649,470
Shear						
Effective shear stress area (threads)	$A_{se,V}$	in^2	0.078	0.142	0.226	0.334
Load-bearing length of anchor	ℓ_e	in.	2	2	3	3 1/2
Reduction factor for concrete breakout or pryout [6]	ϕ	-	0.70 (Condition B)			
Coefficient for pryout strength	k_{cp}	-	1.0		2.0	
Steel strength in shear [7]	V_{sa}	lb.	3052	4954	9296	14,573
Reduction factor for steel failure [5]	ϕ	-	0.65			

For SI: 1 in = 25.4 mm, 1 in^2 = 6.451×10^{-4} m, 1 ft-lb = 1.356 Nm, 1 lb/in^2 = 6.895 Pa.

[1] The information presented in this table must be used in conjunction with the design criteria of ACI 318-14 Chapter 17 or ACI 318 Appendix D as applicable.

[2] Installation must comply with the manufacturer's published installation instructions

[3] The notation in parentheses is for the 2006 IBC.

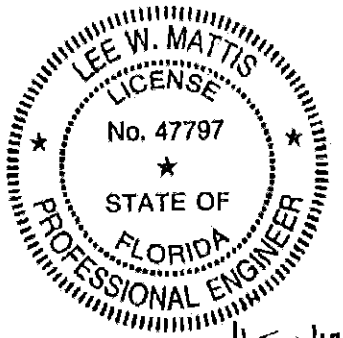
[4] Adjust pullout resistance for concrete strengths greater than 2500 psi using the square root of the actual concrete strength divided by 2500.

[5] Anchors are considered to be manufactured using ductile steel in accordance with applicable ACI 318 provisions. Strength reduction factors are for use with the load combinations of applicable ACI 318 provisions or IBC Section 1605.2.

[6] Condition B applies where supplementary reinforcement in conformance with applicable ACI 318 provisions is not provided, or where pull-out or pry-out strength governs. For cases where supplementary reinforcement can be verified, the strength reduction factors associated with Condition A may be used. Strength reduction factors are for use with the load combinations of applicable ACI 318 provisions or IBC Section 1605.2.

[7] Tabulated values must be used for design since these values are lower than those calculated with applicable ACI 318 provisions.

[8] N/A denotes that pullout resistance is not applicable for these sizes and concrete breakout calculations per ACI 318 are applicable.



Lee W. Mattis 11/17/15

Approved as complying with the Florida Building Code
Date 02/25/2016
NOA# 14-0902.09
Miami Dade Product Control
By

Title: US Anchor Ultrawedge Anchor
Drawing No: 1
11/17/15 By: LM

Brighton Best International, Inc.
12801 Leffingwell Avenue
Santa Fe Springs, California 90670

TABLE 2—US ANCHOR ULTRAWEDGE ANCHOR LENGTH CODE IDENTIFICATION SYSTEM

Length ID marking on threaded stud head		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
Overall anchor length, ℓ_{anch} (inches)	From	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2	9	9 1/2	10	11
	Up to but not including	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2	9	9 1/2	10	11	12

For SI: 1 inch = 25.4 mm.

LEE W. MATTIS
LICENSE
No. 47797
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Lee W. Mattis 11/17/15

Approved as complying with the Florida Building Code
Date 02/25/2016
NOA# 14.0902.09
Miami Dade Product Control
By

	Title: US Anchor Ultrawedge Anchor	Brighton Best International, Inc.
	Drawing No: 1	12801 Leffingwell Avenue
	11/17/15 By: LM	Santa Fe Springs, California 90670
		Sheet 3 of 3

MONTHLY TECHNICAL BULLETTIN ADVERTISING
USE THIS FORM TO SIGN UP TODAY

FWCCA MONTHLY TECHNICAL BULLETIN SPONSORSHIP/ADVERTISING INSERTION FORM

Please reserve the following Ad Space indicated below for the FWCCA Monthly Technical Bulletin.

You can have a full-page ad, half-page ad or quarter-page ad for one year.

Full page (8" X 10 ½")	$1200.00 _____
Half Page (5" X 8")	$ 500.00 _____
Quarter Page (3 ¾" X 5")	$ 275.00_____

Please include a "Camera Ready", black and white or color copy, spec to size. A digital file may be emailed to FWCCA@FWCCA.com . **Please submit the digital file in a high-resolution format, print ready PDF file.**

Signature of Person Authorizing Ad Insertion:

Name: _____

Company: _____

Address: _____

Phone Number: _____

Signature: _____

FWCCA: P.O. BOX 180458, CASSELBERRY, FL 32718 PHONE (407)260-1313 FAX: (407)260-5732
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- Allows projects to be completed faster
- Improves finish hardness and mar/scuff resistance
- Promotes strong adhesive bond to wall surface
- Inhibits growth of mildew
- For use in cool, moist climates

Application Procedure

1. Follow the mixing instructions for Master Wall Inc. Superior and Superior Elastomeric Plus Finishes. Thoroughly mix in all tints prior to adding Quick Dry.

2. Pour the vial of Quick Dry into the mixed finish and remix. For color consistency add Quick Dry to all pails as needed to go from corner-to-corner.

3. Dry times will vary depending on weather temperature and relative humidity.

LIMITATIONS: Ambient and surface temperature must be 40°F (4.4°C) or higher during application and curing time. Provide supplemental heat and protection from precipitation as needed. An Acrylic or Elastomeric Finish that the Quick Dry has been added to should be tightly sealed during storage to avoid setting up in the pail.

This product contains ammonia, mix in a well ventilated area and wear an approved respirator, protective glasses, and gloves. Reference the SDS sheet for specific safety instructions.

CLEAN-UP: Water-soluble prior to drying. Clean tools and containers with water before mixture sets.

Master Wall Inc.®
Building a Culture of Excellence
masterwall.com
PO Box 397 • Fortson • GA • 31808 • 800-755-0825 • Tech: 800-760-2861

160101

Taratex

Aged Earth Plaster

Systems
Interior Applications
Exterior Applications over Master Wall® Base Coats

VOC: <1% by Weight
VOC: 1.13 g/l
Manufacture Locations:
30058 • 877474 • 84651

Options:
Clearshield Top Coat
Vintique Top Coat

Packaging: 5 gallon (19L) pail

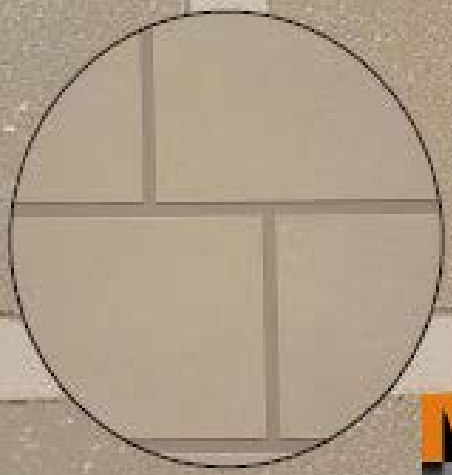
Pail Weight: 60 lbs (27.2 kg)

Shelf Life: 2 years

Coverage (estimated)
Two-Coat Application:
125-175 sf (11.6-16 sm)

Taratex finish recreates the look of aged earth plaster with the durability of an acrylic finish. The hand-troweled finish can be drawn smooth or left raw for a more earthly look.

- Ready to Use
- Thin applications (two thin coats)
- Cost effective
- Tintable, available in 64 standard colors, custom colors available
- Can be accented with Clearshield or Vintique



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NEW! Ultra Drain Mat™ drainage and ventilation system from Plastic Components

Designed for use with exterior stone, stucco, brick cedar or fiber cement siding, **Ultra Drain Mat** is an easy to install rainscreen system that provides effective drainage and ventilation.

It keeps moisture from entering the wall system through mortar joints, gaps or cracks in the cladding material, and via the edges of wood or fiber cement board. Ultra Drain Mat creates a continuous capillary break and channel for moisture to drain and also accelerates drying of the exterior cladding.

Available in .25" (6 mm) and .40" (10 mm) thicknesses.