Accu-Trac®

Revolutionizing the Wall Panel Industry







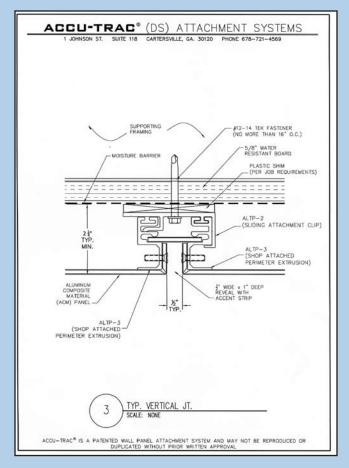
The Accu-Trac® Advantage

PERFORMANCE MADE SIMPLE

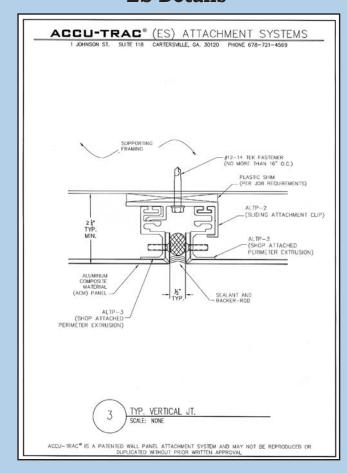




DS Details



ES Details



NATIONAL CERTIFIED TESTING LABORATORIES



November 24, 2004

RE: STRUCTURAL TEST RESULTS SUMMARY

Mr. Jerry Radford:

On November 23, 2004, tests were conducted by our laboratory on Altech Panel Systems' 16 Gauge Composition Wall Panel System in accordance with the ASTM E283, E331, E330, and E1886/1996 Test Methods.

Test Method		Title of Test	Test Resul
ASTM E283	1.4	r Infiltration 57 pef (25 mph) 24 pef (50 mph)	Pass Pass
ASTM E331	5.6	ater Resistance 9 gph/ft ² TP= 15 psf	Pass
ASTM E330	75	siform Lood Structural psf exterior psf interior	Pass Pass
ASTM E1886	Cy	cle Test	Pass
ASTM E1996	Im	pact Test	Pass

** No glass breakage or permanent damage causing the unit to be inoperable.

The specimen tested met the performance criteria for the above referenced specification

A full report containing the details of the above referenced tests are forthcoming at the time of this letter.

PROFESSIONALS IN THE SCIENCE OF TESTING



NATIONAL CERTIFIED TESTING LABORATORIES

November 24, 2004

RE: STRUCTURAL TEST RESULTS SUMMARY

Mr. Jerry Radford:

On November 23, 2004, tests were conducted by our laboratory on Altech Panel System Gauge Composition Wall Panel System in accordance with the TAS 201, 202, 203 Test Methods.

Test Method		Title of Test	Test Results	
TAS 202		Air Infiltration 1.57 pef (25 mph) 6.24 pef (50 mph)	Pass Pass	
TAS 202		Water Resistance 5.0 gph/ft ² WTP= 15 psf	Pass	
TAS 202	••	Uniform Load Structural 75 psf exterior 75 psf interior	Pass Pass	
TAS 201		Impact Test	Pass	
TAS 203		Cycle Test	Pass	

^{**} No glass breakage or permanent damage causing the unit to be inoperable

The specimen tested met the performance criteria for the above referenced specifications

A full report containing the details of the above referenced tests are forthcoming at the time of

PROFESSIONALS IN THE SCIENCE OF TESTING

UNITED STATES PATENT



The Director of the United States Patent and Trademark Office

Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been com-plied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

United States Patent

Grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America, and if the invention. tion is a process, of the right to exclude oththe test process, of the right to excitate ofners from using, offering for sale or selling throughout the United States of America, or importing into the United States of America, products made by that process, for the term set forth in 35 U.S.C. 154(a)(2) or (c)(1), subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b). See the Maintenance Fee Notice on the inside of the cover.

David J. Kaypos

(12) United States Patent

(54)	ATTACH FACADE	MENT SYSTEM FOR PANEL OR
(75)	Inventor:	Jerry L. Radford, Dollos, GA (US

(73) Assigno: Altech Panel Systems, LLC, Cartersville, GA (US) Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 1147 days.

Appl. No.: 11/177,778

US 2009/0145071 A1 Jun. 11, 2009

(2005.01) (2005.

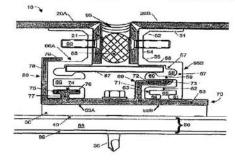
U.S. PATENT DOCUMENTS

4,021,987 A * 5/1977 Schnebel et al. ...

US 7,716,891 B2 May 18, 2010

(10) Patent No.: (45) Date of Patent:

25 Claims, 4 Drawing Sheets



ACCU-TRAC® IS INNOVATIVE

♦ The developers of Accu-Trac® continue to pursue enhancement and innovation of the Accu-Trac® Systems. The current system provides for a 2 ¼" depth from panel surface to the substrate. Soon to be released will be a low profile system suitable for use in both interior and exterior applications in lower wind load areas that provide the same, proven sliding clip technology.







ACCU-TRAC® SYSTEM IS AVAILABLE

- ♦ As a complete package from Altech Panel Systems, for engineered, fabricated and delivered panels for a specific project.
- ♦ The Accu-Trac® extrusion system may be purchased directly from Altech Panel Systems, LLC by authorized fabricators, distributors and installers after reaching agreements with Altech Panel Systems with regards to the use, applications, requirements, and rights of use of the Accu-Trac® Systems.
- ♦ Licensing agreements are available for Accu-Trac® which permit the reproduction for use and distribution of the Accu-Trac® and/or the sliding clip technology. A licensing fee and royalty schedule will be required in all such cases.
- ♦ Details, technical advice, fabricator and installer training are available from Altech Panel Systems, LLC.

Contact us at 678-721-4569 or www.altechpanel.com for more information

ACCU-TRAC® IS THE BEST SOLUTION FOR TODAY'S WALL PANELS

BE THE FIRST FABRICATOR IN YOUR AREA TO TAKE ADVANTAGE OF THE #1 ATTACHMENT SYSTEM IN THE INDUSTRY

What our Customers are saying....

"We are really impressed with how easy the Accu-Trac® system is to install and were able to complete the project quicker than we had estimated."

Mike Browning Diamond Point Glass, LLC

"As the Barbara Loar Library comes to completion, I want to commend you and your team for bringing our design to reality."

Jason Swichtenberg Richard Wittschiebe Hand

"I've been working with aluminum composite material for over 20 years and by far this system goes together better than any other system that I have seen installed."

> Tom Walsh St. Louis Metal Works



Northlake-Barbara Loar Library

Contact us at 678-721-4569 or www.altechpanel.com for more information

THE ACCU-TRAC® ADVANTAGE

- ♦ The first patented sliding clip extrusion system designed for the attachment of ACM/MCM as well as other materials to structures of varied shapes, sizes and substrates.
- ♦ Can be used with 3, 4 and 6mm ACM/MCM materials without any modification. Accu-Trac® may also be used with other materials such as plate, fiber, phenolic and some other thicker materials without modification.
- ♦ For the first time in the ACM industry the sliding clip design allows for expansion and contraction in all directions while maintaining positive attachment on all sides of the panel. This eliminates face distortion and allows the ACM panels to expand and contract independently of the structure.
- ♦ Tested attachment system meeting the rigid standards of Miami-Dade County Requirements. Can withstand wind loads exceeding category 3 hurricanes. Passes small and large missile impact requirements without the use of secondary barrier or Kevlar.
- ♦ Proven in 6 years use as a high performance, easy to install attachment system. Numerous installers from the very experienced to novice crews have been impressed with the adaptability and user friendly characteristics of the Accu-Trac[®] System. According to many installers, Accu-Trac[®] has proven to be faster, easier, and more accurately installed than any other system they've used, potentially saving 10% or more in installation costs. The sliding clip technology allows for location and attachment of the clip simply by sliding it to the proper location.
- ♦ Can be used as an exposed sealant attachment system or as a rear ventilated "rain screen" system over many moisture barriers which provides for crisp recessed reveals at joints and drainage where required. Joint widths may be varied from ½" to several inches.
- ♦ Allows flexibility from flat walls to varying radius conditions and can be installed over almost any substrate.
- ♦ The heavy construction of the Accu-Trac® System eliminates the need for stiffeners in most applications. Extreme wind load conditions may require stiffeners on very large panels. Extremely large soffit panels require stiffening to eliminate weight sag.
- ♦ Allows for single panel replacement without the necessity of removing adjacent panels, should a panel become damaged.
- ♦ Specifiable, giving architects the confidence that their designs will be fabricated and installed with a high performance, high quality system providing many years of problem free service.