



2010 Contest Year

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MCCARTHY BUILDING COMPANIES SETS WORLD RECORD IN 2010 GOLDEN TROWEL® COMPETITION

BOB SIMONELLI WINS “SAM” FOR CONTRIBUTIONS TO THE CONCRETE FLOOR INDUSTRY

Golden Trowels® are given annually by The Face® Companies of Norfolk, Virginia, the developer of the F-Number System, to concrete contractors who place and finish the flattest and most level concrete floor slabs in the world.

McCarthy Building Companies set a world record in taking its 11th Golden Trowel in the 22nd year of the international competition for placing the flattest and most level concrete slabs. McCarthy achieved an F_F 59.6 in the category “Unshored Elevated Slab over 100,000 square feet.” The project was the 512,952 square foot Kaiser Fontana Medical Center, in Fontana, CA.

This is McCarthy’s second world record in as many years. Last year, they set a world record for elevated slabs under 100,000 square feet. Before McCarthy broke the world record last year, the previous best in this category had been an F_F 55.5. “This year’s record, for elevated slabs over 100,000 square feet, was really impressive,” said Face Vice President and Golden Trowel® Chairman Jeff Rogers, “because the F-Numbers were almost as high as last year’s world record, even though the building was more than five times larger. It’s very difficult to maintain that level of quality over and over day after day, but they did it.”

Ace/Avant Concrete Construction Company of Archdale, NC, achieved a combined F_{MIN} 143 in the “Defined Traffic/Laser Screed” category. This is Ace/Avant’s 21st Golden Trowel Award, an amazing feat in itself. The project was the Henkel Warehouse in Salisbury, NC. Rogers pointed out that “In 1994, Ace/Avant won a Golden Trowel in this category for an F_{MIN} 50. F-Numbers are linear, so this year’s floor was almost three times flatter than the best in 1994. It seems that people are learning more and more how to take advantage of the F-Number and graphical feedback, and are now producing better and better floors every year.”

Golden Trowels are being won by companies outside the US as well; this year’s awards include winners from both Brazil and Canada. This is the 7th Golden Trowel in 7 years awarded to a company from Brazil. This year’s winner from Brazil was GNP Construtora Ltda. from Sao Paulo, Brazil, winning their second Golden Trowel for producing a floor measuring F_F 139.4 / F_L 83.0 in the “Random Traffic/Narrow Strip” category. The Canadian winner was Diplock Floor, from Mississauga, Ontario, Canada, winning their 3rd Golden Trowel with a project using a small

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moving laser screed over Styrofoam insulation. They achieved F_F 61.1 / F_L 54.3 in while producing the North Park Quad Arena, an ice skating rink, in Oakville, Ontario.

Four contractors broke into the ranks of Golden Trowel winners with their first awards this year. They are:

- Kitchell Contractors, from Phoenix, AZ, winning for their project at PCH New Patient Tower in Phoenix;
- Healey Long & Jevin, from Wilmington, DE, winning for their project at the Boeing 361 focused Factory in Ridley Park, PA;
- Lindsay Lampasona Concrete Building Partners from Norfolk, MA for their project at the Clare Rose Distribution Center in Shirley, NY; and
- Collective Concrete, from Jackson, NJ, winning for their project at the STS Tire Distribution Center in Bridgewater NJ.

A total of 99 contractors from six countries on three continents have claimed the 248 Trowels® awarded in the contest's 22-year history.

The “Sam” Golden Trowel® for 2010 was awarded to Bob Simonelli, who has over 35 years of experience in placing and finishing superflat and high-tolerance concrete floors, and in consulting and teaching placing and finishing in many countries over four continents.

Bob has published many articles on the use of tools and techniques required to produce high-tolerance floors, and has taught more than a hundred seminars on this subject, including many at the World of Concrete. He has a unique capability and a passion for teaching people how to produce incredibly flat floors, and has been instrumental in helping many contractors to win Golden Trowels over the years. Last year’s “Sam” winner, Jerry Holland, describes Bob as an “artist whose medium is concrete.” He teaches by doing; the most successful finishers do their best to imitate him. He is perhaps the most well-known and respected person in the world who is most associated with teaching successful placing and finishing techniques.

The “Sam” award is named after the late Face® Companies Chairman Sam Face and has been awarded since 2001.



The Samuel A. Face, Jr. Award

For Outstanding Accomplishments in and Contributions to
The Art & Science of High Quality Horizontal Concrete Construction

Bob Simonelli

Awarded January 2011

2010 Golden Trowel® Winners - Gold Plates

The 2010 winners in the floor placement/finishing competition are:

Winner: McCarthy Building Companies, Inc. • Newport Beach, CA
(11th Golden Trowel®)

Category: Unshored Elevated Deck over 100,000 sq. ft. • 512,952 sq. ft.

F-Number(s) Achieved: FF 59.6 (World Record)

Project: Kaiser Fontana Medical Center • Fontana, CA

Winner: Ace/Avant Concrete Construction Co. Inc. • Archdale, NC
(21st Golden Trowel®)

Category: Somero Laser Screed 22-40 ft. wide • 17,646 sq. ft.

F-Number(s) Achieved: F_{MIN} 143

Project: Henkel Warehouse • Salisbury, NC

Winner: Diplock Floor • Mississauga, Ontario, Canada
(3rd Golden Trowel®)

Category: Copperhead over Styrofoam Insulation • 17,000 sq. ft.

F-Number(s) Achieved: FF 61.1 / FL 54.3

Project: North Park Quad Arena • Oakville, Ontario, Canada

Winner: Keystone Concrete Placement • Houston, TX
(3rd Golden Trowel®)

Category: Unshored Elevated Slab • 87,486 sq. ft.

F-Number(s) Achieved: FF 60.2

Project: Hemingway Medical Office Building • Killeen, TX

Winner: GNP Construtora Ltda • Sao Paulo, Brazil
(2nd Golden Trowel®)

Category: Narrow Strip Placement • 32,303 sq. ft.

F-Number(s) Achieved: FF 139.4 / FL 83.0

Project: Delta Industria Ceramica S.A. • Rio Claro, Brazil

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Winner: Birdwell & Associates, Inc. • Lakeland, FL
(17th Golden Trowel®)

Category: Wet Screed/Magic Screed • 10,125 sq. ft.

F-Number(s) Achieved: FF 65.2 / FL 41.8

Project: Aldi # 17 • Clermont, FL

Winner: Kitchell Contractors • Phoenix, AZ
(1st Golden Trowel®)

Category: Overall Levelness/Elevation Tolerance • 562,113 sq. ft.

Results Achieved: > 95% of all elevations within 3/8 inch envelope

Project: PCH New Patient Tower • Phoenix, AZ

Winner: Healey Long & Jevin, Inc. • Wilmington, DE
(1st Golden Trowel®)

Category: Hand Screed Moveable Screed Rail • 70,675 sq. ft.

F-Number(s) Achieved: FF 85.5 / FL 46.2

Project: Boeing 361 focused Factory – Phase 1 • Ridley Park, PA

Winner: Lindsay Lampasona Concrete Building Partners • Norfolk, MA
(1st Golden Trowel®)

Category: Somero Laser Screed > 40 ft. wide • 102,187 sq. ft.

F-Number(s) Achieved: FF 84.4 / FL 65.2

Project: Clare Rose Distribution Center • Shirley, NY

2010 Golden Trowel® Winner - Silver Plate

Winner: Collective Concrete, Inc. • Jackson, NJ
(1st Golden Trowel®)

Category: Defined Traffic Somero Laser Screed 22-40 ft. wide • 175,005 sq. ft.

F-Number(s) Achieved: F_{MIN} 98.3

Project: STS Tire Distribution Center • Bridgewater NJ