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### **THREE WORLD RECORDS SET IN 2013 GOLDEN TROWEL® COMPETITION**

#### **BIRDWELL & ASSOCIATES TIES FRICKS FOR MOST GOLDEN TROWELS® WON BY A SINGLE CONTRACTOR**

#### **CONCRETE SLABS FOR ICE RINKS MAKE HUGE ADVANCES**

(LAS VEGAS) Fifteen Golden Trowels® were awarded to 11 different contractors from five countries on three continents at the annual Golden Trowel® ceremony held today at the World of Concrete in Las Vegas. The winning entries included three new World Records.

Presented by The Face® Companies of Norfolk, Virginia, Golden Trowels® are given annually in recognition of the flattest and most level floor slabs placed in the world. Golden Trowel® Gold Plates are awarded to the winner in each category; Golden Trowel® Silver Plates recognize outstanding entries that did not win their category.

**Birdwell & Associates** of Lakeland, FL, won its 24<sup>th</sup> & 25<sup>th</sup> Golden Trowels®, moving into a tie with The Fricks Company of Ft. Worth, TX, for the greatest number of Golden Trowels® won by any contractor in the 25 years since the Awards were initiated in 1989. Birdwell also claimed its third World Record for an ice rink floor placed over Styrofoam insulation, using non-metallic hardener. Birdwell's slab shattered the old record for both flatness and levelness by an incredible 50% margin. In all, there were three ice rinks placed this year that broke the old record.

**Ace/Avant Concrete Construction**, of Archdale, NC, also won two Golden Trowels® this year, for a total of 23, behind only Birdwell and Fricks on the list of winningest contractors.

**Keystone Concrete Placement** of Georgetown, TX, won its third World Record Golden Trowel® this year, breaking its own record for elevated unshored slabs by almost 10 percent. This is Keystone's fifth Golden Trowel®.

(more)

**Alhapiso Servicos Tecnicos** of São Paulo, Brazil, a first-time winner, joined the list of Golden Trowel<sup>®</sup> Award winning contractors in a big way, by claiming two Trowels, one of them shattering the World Record for wet screed on placements over 100,000 square feet.

**Concrete Bindings, Ltd.**, of Hamilton, New Zealand, was another first-time Golden Trowel<sup>®</sup> winner.

Other international winners were **Tuss Concrete** of Gingin, Western Australia, winning its second and third Golden Trowels<sup>®</sup> this year, and **Tri Con Haid Concrete Finishing Ltd.**, of St. Clements, Ontario, Canada, winning its second award, for a NHL-sized ice rink over Styrofoam insulation, with trap rock topping. It is interesting to note that Tri Con Haid's entry was better than any in this category from all previous years, and would have been considered a World Record, except for the fact that two other contractors also broke the old record.

**DJ Rossetti, Inc.** of Malta, NY, produced an NHL-sized ice rink for Penn State University, also breaking the old record for ice rinks on Styrofoam insulation, with even better F-Numbers than Tri Con Haid's. Unfortunately for both Tri Con Haid and Rossetti, Birdwell's rink was off-the-charts flat and level. The Penn State rink is the flattest and most level slab ever measured for a college ice rink.

To date, 282 Golden Trowels<sup>®</sup> have been presented to 111 different contractors since Fricks, **Baker Concrete** (now headquartered in Monroe, Ohio) and Duron Ontario Ltd. of Mississauga, Ontario, Canada, won the first Golden Trowels<sup>®</sup> for their work in the decade of the 1980s, leading up to the American Concrete Institute's adoption of F-Numbers in 1990.

Baker won its 10<sup>th</sup> and 11<sup>th</sup> Golden Trowels<sup>®</sup> in this year's competition.

Details of all the winning entries follow.

Golden Trowel<sup>®</sup> Gold Plates are awarded to the winner in each category; Golden Trowel<sup>®</sup> Silver Plates recognize outstanding entries that did not win their category.

(more)

Birdwell and Associates, Lakeland, FL  
24<sup>th</sup> & 25<sup>th</sup> Golden Trowel<sup>®</sup> Awards  
Skene Concrete, Cartersville GA  
Two-time co-winner with Birdwell

**Golden Trowel<sup>®</sup>** **2013**

**Birdwell and Associates / Skene Concrete**  
Defined Traffic Narrow Strip •  $F_{\min} L$  127.5 /  $F_{\min} T$  198.1  
16,500 Sq. Ft. • NexLube Blending Facility • Tampa, FL

**FACE<sup>®</sup>**

**Golden Trowel<sup>®</sup>** **2013**

**Birdwell and Associates**  
Copperhead Ice Rink over Styrofoam • Hargest Ice Rink • Lithia, FL  
10,560 ft<sup>2</sup> •  $F_F$  98.2 /  $F_L$  83.6 (World Record)

**FACE<sup>®</sup>**

Ace/Avant Concrete Construction Co., Archdale, NC  
22nd & 23rd Golden Trowel<sup>®</sup> Awards

**Golden Trowel<sup>®</sup>** **2013**

**Ace/Avant Concrete Construction Co.**  
Somero Laser Screed 29 ft wide bay •  $F_{\min} L$  160.4 /  $F_{\min} T$  158.1  
256,400 ft<sup>2</sup> • Ross Distribution Facility Hotel #4 • Fort Mill, SC

**FACE<sup>®</sup>**

*2nd highest FF ever on large wide pours; 90 ft wide; 3<sup>rd</sup> highest total F#s*

**Golden Trowel<sup>®</sup>** **2013**

**Ace/Avant Concrete Construction Co.**  
Somero Laser Screed 90 ft wide bay •  $F_F$  104.3 /  $F_L$  66.2  
374,100 ft<sup>2</sup> • Academy Sports DC Expansion • Jeffersonville, GA

**FACE<sup>®</sup>**

Alhaphiso Servicos S/S LTDA, São Paulo, Brazil  
1st & 2nd Golden Trowel<sup>®</sup> Awards

*2nd best total F-Numbers ever (regardless of size).*

### Golden Trowel<sup>®</sup>

## 2013

### Alhaphiso Servicos S/S LTDA

Wet Screed/Magic Screed 25 ft wide • Cofema • Sao Paulo, SP, Brasil  
106,000 ft<sup>2</sup> • F<sub>F</sub> 105.2 / F<sub>L</sub> 60.9 (World Record)



### Golden Trowel<sup>®</sup>

## 2013

### Alhaphiso Servicos S/S LTDA

Somero Laser Screed 53 ft wide bay • F<sub>F</sub> 115 / F<sub>L</sub> 68  
63,700 ft<sup>2</sup> • Waldemar Checchinato Galpao 2 • Itupeva, SP, Brasil



Baker Concrete, Monroe, Ohio (Headquarters)  
10<sup>th</sup> & 11<sup>th</sup> Golden Trowel<sup>®</sup> Awards

Orlando, FL Office

*Unusual and very difficult floor with narrow curved tracks on elevated slab.*

### Golden Trowel<sup>®</sup>

## 2013

### Baker Concrete

Elevated Defined Traffic Narrow Strip Special Project  
F<sub>F</sub> 170.8 / F<sub>L</sub> 114.3 • 5,680 ft<sup>2</sup> • Transformers • Orlando, FL



Phoenix, AZ Office

### Golden Trowel<sup>®</sup>

## 2013

### Baker Concrete

Defined Traffic Narrow Strip • F<sub>min</sub> L 136.2 / F<sub>min</sub> T 140  
285,000 ft<sup>2</sup> • Marshalls DC 10 • Phoenix, AZ



Keystone Concrete Placement, Georgetown, TX  
5<sup>th</sup> Golden Trowel<sup>®</sup> Award

Golden<sup>®</sup>  
Trowel

2013

Keystone Concrete Placement

Elevated Slab, Unshored • F<sub>F</sub> 67.4 (World Record)  
49,600 ft<sup>2</sup> • East WILCO Higher Education Center • Hutto, TX



Tuss Concrete, Gingin, Western Australia  
2<sup>nd</sup> & 3<sup>rd</sup> Golden Trowel<sup>®</sup> Awards

*3rd highest F-Number total ever in category; 3rd highest FL ever & 4th highest FF ever.*

Golden<sup>®</sup>  
Trowel

2013

Tuss Concrete

Somero Laser Screed 22 m wide bay, w/ steel fibers • F<sub>F</sub> 116.6 / F<sub>L</sub> 91.8  
4,243 m<sup>2</sup> • Stirlings Australia • Bibra Lake, Western Australia



Golden<sup>®</sup>  
Trowel

2013

Tuss Concrete

Hand Screed 21 m wide bay on Structural Slab • F<sub>F</sub> 85 / F<sub>L</sub> 54  
2,652 m<sup>2</sup> • T1 Arrivals Expansion • Perth International Airport • Australia



Wayne Brothers, Inc., Kannapolis, NC  
4<sup>th</sup> Golden Trowel<sup>®</sup> Award

*5th highest total F-Numbers; highest F-Numbers ever with shake.*

Golden<sup>®</sup>  
Trowel

2013

Wayne Brothers, Inc.

Somero Laser Screed 53 ft wide bay with 1.25 lb dry shake  
F<sub>F</sub> 88.4 / F<sub>L</sub> 63.6 • 119,100 ft<sup>2</sup> • Continental Tire • Sumter, SC



Tri Con Haid Concrete Finishing Ltd., St. Clements, Ontario, Canada  
3<sup>rd</sup> Golden Trowel<sup>®</sup> Award

*Better than any previous year's ice rink.*

Golden<sup>®</sup>  
Trowel

2013

Tri Con Haid Concrete Finishing Ltd.

Copperhead Ice Rink over Styrofoam with 0.6 lb dry shake • F<sub>F</sub> 69.1 / F<sub>L</sub> 54.2  
17,000 ft<sup>2</sup> • Mold Masters Sportsplex • Georgetown, Ontario, Canada



DJ Rossetti, Inc., Malta, NY  
2<sup>nd</sup> Golden Trowel<sup>®</sup> Award

*Better than any previous year's ice rink.*

Golden<sup>®</sup>  
Trowel

2013

DJ Rossetti, Inc.

Copperhead Ice Rink over Styrofoam • F<sub>F</sub> 74.9 / F<sub>L</sub> 53.5  
17,000 ft<sup>2</sup> • Pegula Ice Arena - Penn State Univ. • State College, PA



Concrete Bindings Ltd, Hamilton, New Zealand  
1<sup>st</sup> Golden Trowel<sup>®</sup> Award

*5<sup>th</sup> highest overall F-Numbers in category; impressive FL results for a slab that was 77 ft wide.*

Golden<sup>®</sup>  
Trowel

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2013

Concrete Bindings Ltd

Somero Laser Screed 23 m wide • F<sub>F</sub> 102.3 / F<sub>L</sub> 86.9  
6171 m<sup>2</sup> • Bunnings Silverdale • Auckland, New Zealand



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