



FACE®

EUROSTICK

F_f 83,5

FL 93,7

WORLD
RECORD

The most levelled floor in the world

Prosistemas, first European company
to receive the Golden Trowel Award

The Spanish company beats the world record regarding FL number in the category of flooring exceeding 100,000 square feet (9,300 m²) with a large logistics center occupying 640,000 ft² (60,000 m²) built for a multinational fashion company.

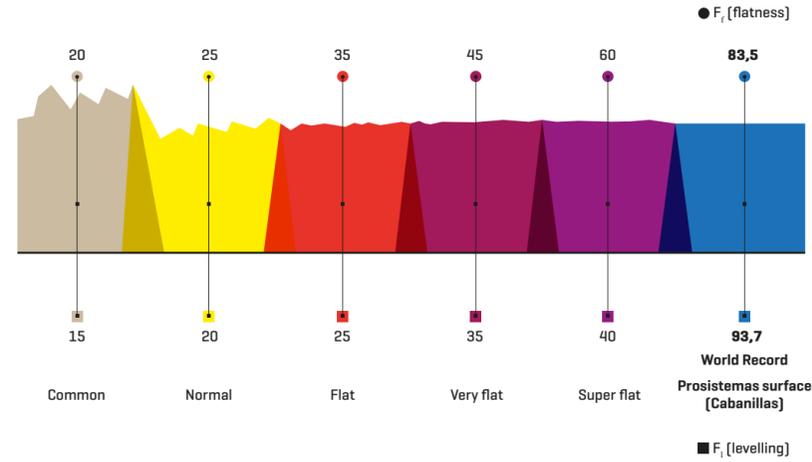


Golden
Trowel®

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The work by Prosisistemas in the Cabanillas industrial estate received the top award for flooring quality in the United States, with a score of FF 83.5 and FL 93.7 obtained by the F-number system for measuring the flatness and levelling of concrete floors. We can also highlight this is the first time in history that flooring of this size has achieved 93.7 FL, making it a world record.

The Golden Trowel Awards are presented annually by one of the most important engineering companies in the United States -Face Companies- founded in 1867. In 1988, Face Companies departed from the global technical arbitrariness that existed in the systems for measuring planimetry, creating the so-called F-number model, which has spread worldwide, being considered the best way to determine levels of surface regularity of concrete flooring.



The larger the surface, the more difficult it is to obtain high levels of Planimetry

Cabanillas industrial estate, Spain. 57 km from Madrid.

Total work area: 200,000 square meters, with three main buildings occupying 70,000, 60,000 and 45,000 square meters, as well as complementary buildings and sidewalks.

Completion period: July 2013 to December 2014.

Building surface winning the Golden Trowel Awards: 60,000 square meters [640,000 ft²]



Triple mesh reinforcement.

Average thickness of slab: 24 cm [9.5 inches]

Number of pours: 39.

Average daily pour: 1,600 square meters per day. [17,200 ft²]

Measurement and quality control: High sensitivity laser and optical levels, checking all construction processes and flooring equipment. Dipstick.

Give me a laser and a Dipstick and I'll make a flat world

*[Archimedes, if he had been born
in the 21st century]*

For the last 25 years, Prosisistemas has been a cutting edge company in Europe in the field of industrial concrete floors. Being a pioneer on the continent in the use of the latest technology to measure and build high standard floor. The company has developed specific types of flooring for all sectors, from Logistics and large commercial areas to sports facilities, decorative or for the demanding heavy-duty industrial market. Prosisistemas technicians are well known in Spanish universities for their contribution to the training of future engineers and architects in the country in techniques related to concrete and its new applications.

The three pillars of intelligent flooring

Laboratory research with new cementitious compounds to create products with special features: hardness, resistance to abrasion, non-slip, impermeable to chemical products, luminescent, non-rotting, etc.

Productive system. We adapt the machinery in our own workshops to perfect the floor building processes.

Planimetry as an absolute goal. We use the best laser leveling equipment since the moment the sub-base is being prepared. Flatness and levelling self controlling in each phase. Internal audits with the Dipstick.





Technology under your feet

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