

‘Superfloor’ status for SA’s largest indoor concrete polishing project

The largest single indoor concrete floor polishing project in South Africa to date is currently being undertaken in Johannesburg by Platinum Concrete Solutions (PCS), which is making use of the HTC Superfloor concept.



PCS MANAGING DIRECTOR Gershuan Ramlah reveals that work on the massive 30 000 m² project based in Linbro Park, Johannesburg, began in April 2014 and is expected to last several months, due to the sheer scale of concrete placement, grinding and polishing required.

To complete this project to the highest standard, Ramlah states that PCS is making use of HTC Superfloor, a revolutionary flooring concept that uses grinding and polishing techniques to create a strong and hard-wearing concrete floor.

The HTC Superfloor concept, which utilises internationally recognised HTC floor grinding and polishing machinery, is exclusively available through Superb Flooring Systems – a subsidiary of the Pan Mixers South Africa (PMSA).

Not your daily grind

PMSA sales and marketing manager Quintin Booysen explains that the HTC machines and diamond tools are used to grind and polish concrete floors, thereby removing the surface paste and exposing the stronger concrete underneath.

“HTC Superfloor offers an easy-to-clean and durable flooring solution. Dirty, grey concrete floors are transformed into brilliant, easy-to-clean, environmentally friendly and durable polished surfaces. This results

in a strong, shiny and beautiful polished concrete floor,” he says.

Johannesburg-based PCS specialises in the preparation, levelling, grinding, polishing and maintenance of concrete floors and has developed a strong working relationship with HTC and Superb Flooring Systems over the last four years.

Global standard

“All PCS work is completed in accordance with approved HTC standards, which feature the highest level global rating with regard to

abrasion resistance, fire classification friction, electrostatic discharge, life cycle costs and energy costs. I believe that this proven quality and in-depth experience led to PCS being awarded this large-scale contract,” states Ramlah.

What’s more, Ramlah indicates that a team of 17 highly skilled PCS employees are working on the Linbro Park project. “Grinding is a specialised skill, it is only through understanding concrete and the different processes that a truly magnificent floor can be achieved. Thanks to a strong team, work on the project is running smoothly and will be completed on time and within budget.”

Managing multiple contractors

Ramlah admits that a project of this scale comes with a number of challenges. “Large projects such as this involve a number of different contractors being located on-site simultaneously. Accidental damage is a common occurrence when there are so many people working around each other.”

He indicates that these challenges were overcome through constant inspection and communication between the various subcontractor foremen, as well as postponing certain grinding steps until it was safe to

continue. “It is important to protect the floor through all stages of the project,” he adds.

Setting the standard for polished floors

Ramlah believes that the polished concrete market in South Africa is set to achieve measurable growth within the next two years. “Polished concrete is poised to be a massive market in South Africa and has the potential to set the industry standard for flooring. As the market grows, PCS intends to open offices in Cape Town and Durban, as well as expand in terms of staff and machinery,” he concludes. **35**

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