

## INFRASTRUCTURE

### Smart finishes that'll have you floored

Local building contractors can upgrade and transform their concrete floors to add status and sophistication.

A new concept, HTC Superfloor, is available in the local market through Superb Flooring Systems, part of the Pan Mixers South Africa (PMSA) group of companies, and an exclusive distributor of a wide range of internationally recognised HTC floor grinding

and polishing machinery and twister pads.

PMSA sales and marketing manager Quintin Booysen says that the product involves a special technique making use of the HTC range of floor grinding machines and diamond tools to grind and polish concrete floors, in order to remove the surface paste and expose the stronger concrete beneath. "The result of this

process is a stronger, more durable, shiny and beautiful polished concrete floor."

The finish can be used on both existing concrete floors with or without coatings and for new buildings in the construction phase. "For existing floors, the final appearance is dependent on how the concrete floor was made with regard to the colour of the cement, the type and amount of aggregate used,

and how much of the aggregate it is possible to expose after grinding.

Existing concrete floors may also be ground to the quality of a HTC Superfloor using diamond tools and concrete polishers, provided the floor is at least 30 megapascals (MPa). For newly cast concrete floors, the different possibilities for creating an elegant floor are endless," says Booysen.