

Stoneflow's high quality finish

Industrial floor polishing applications can be substantially improved through Stoneflow - a heavy-duty, cement based, decorative screeding compound that provides a quick setting and specialised concrete finish.



Launched in South Africa in 2014, Stoneflow is part of a joint initiative between three concrete flooring experts: Rock Solid Flooring, a Stoneflow specialist in polished concrete; TAL Xcalibur, a concrete repair and product rehabilitation specialist; and HTC, a specialist in Superfloor polished concrete machinery, marketed locally through Superb Flooring Systems, which forms part of the PMSA group of companies.

Rock Solid Flooring founder, Sydney Little, says that given schedule demands and budget allowances, a 100 m² project including floor preparation, finishing and handover, is achievable within five days when using the correct HTC equipment.

The idea for Stoneflow flooring was sparked when the company first purchased HTC equipment for polishing concrete. "After purchasing the equipment to polish concrete floors, we came to the realisation that not all concrete floors can be polished, particularly in older buildings, where the concrete is not the correct MPa," Little explains.

The company researched the viability of a decorative industrial screeding compound that could be placed over the concrete, before being polished and that would produce a decorative finish in customised

colours. Rock Solid Flooring and TAL Xcalibur developed Stoneflow flooring, which can be polished by HTC products and machinery.

Since Stoneflow was introduced, the product has been used in several Tsogo Sun hotels nationwide, including the Maharani Hotel in Durban. "In this hotel the company had to remove the existing concrete and place a new 30 MPa screed with an aggregate, which was left for 28 days before the grinding process could begin. "In addition to this," says Little, "we developed colours specific to the customer's needs for the project."

Superb Flooring Systems Manager for Southern Africa, Andreas Hasselmoose, says that the HTC 650 RX model four-head grinder, the HTC 800 RX grinder and the HTC 270EG edge grinder ensured an accurate floor level and HTC Twister pads were used to produce a high standard of shine and finish.

Following the success of the project, the Stoneflow flooring concept was adopted by a number of other hotels. "Its proven performance in creating seamless flooring as led to an increase in demand for Stoneflow," says Little, adding that "the future outlook is overwhelmingly positive, with a number of high-profile contracts lined up across South Africa." ■