

FOR IMMEDIATE RELEASE

Quick Turnaround Times With Seamless Concrete Floors

The need to complete projects more quickly and to curtail costs has seen an increase in the demand for seamless flooring installations. This is according to Nic de Carvalho from CLF who explains that seamless flooring systems enable contractors to pour significantly larger areas per day than when using traditional methods.

Seamless flooring installations offer several other advantages and as a result are considered the best solution when it comes to reducing volumes of concrete and facilitating speed of construction. Other significant advantages include enhanced construction safety, shorter project completion turnaround and no saw cuts or joint curling.

It is common for contractors to be able to pour between 2 000 m² and 3 000 m² when installing a seamless flooring system, and this is a major difference to the maximum of around 500 m² that can be poured using traditional flooring construction methods. "It enables contractors to significantly accelerate their construction programmes," de Carvalho says.

CLF, an AfriSam Group company, recently successfully completed the installation of a seamless floor for a large warehouse being built in Krugersdorp, Gauteng. The 130 mm thick seamless concrete floor was installed at the Watch Tower Warehouse. The large facility has an expansive floor space of 16 000 m² which made this technology an ideal solution due to the project size and scope.

CLF uses a very tough composite material made from special concrete, a high saturation of high tensile steel fibres and anti-shrinkage compounds underpinned by total quality management systems to produce the thinnest, toughest and largest seamless floors in the country. The lack of joints means floors are flatter and this facilitates faster movement of forklift traffic.

"These features of the seamless flooring system make it a natural choice for industrial and commercial applications such as warehouses and distribution centres," de Carvalho says.

The patented Primekss system was developed in Europe under funding by the European Union Technology Grant and to date has been successfully used by some of the largest logistics companies

in the world. “On a local front we have undertaken work for some of South Africa’s largest industrial facilities such as the 90 000 m² Unilever Distribution centre in Boksburg and an 11 000 m² post tensioned seamless floor for BMW’s manufacturing plant in Rosslyn,” says Carvalho.

CLF has been a leading industrial flooring contractor in southern Africa since 1998. The company specialises in the design and installation of seamless concrete flooring for industrial and commercial applications and offers turnkey solutions.

Fact Box about AfriSam

AfriSam is unlocking value for its customers by partnering with innovative companies that specialise in the application of its products and services. Through its partnership with Concrete Laser Flooring (CLF), AfriSam is pioneering some of the latest trends and developments in concrete technology in the South African construction industry.

“Our partnership with CLF is in line with our vertical integration and brand extension strategy. It positions AfriSam as an integrated concrete solutions company. We do not only supply cement and concrete, but offer a total solutions approach to our customers’ varied needs. We are always on the lookout for new solutions, innovations and opportunities to bring to the attention of customers, as well as advancing the knowledge and skills base of the industry itself through our active participation in The Concrete Institute (TCI),” says Richard Tomes, sales and marketing executive at AfriSam.

“AfriSam is a total solutions provider for its customers. The partnership with CLF is a perfect example of this, driving both the demand for and application of concrete and promoting the latest advances and technologies.”

QUICK TURNAROUND PIC 01 : The concrete floor, the foundation for this high volume printing and distribution facility that will service the customer’s global operation, features both FM2 Special and DM2 sections, which relate to the flatness tolerances of the floor.

QUICK TURNAROUND PIC 02 : The most significant advantages of seamless flooring systems are that contractors can pour significantly larger areas a day.

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quick turnaround with seamless concrete floors

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