

Case Study



PROJECT INFORMATION

Project name: VOX Cinemas / Doha Oasis Project

Consultant: AECOM

Contractor: Redco Construction - ALMANA

Applicator: CMTC

Location: Musheireb - Doha, Qatar

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expertise



quality



full range



PROJECT REQUIREMENT

Task at Hand

The Doha Oasis is a “city-within-a-city” in the heart of Musheireb; which will feature a state-of-the-art cinema complex featuring two exclusive VIP theatres. VOX Cinemas, the Middle East’s fastest-growing cinema exhibitor, recently opened Qatar’s most luxurious cinema at Doha Oasis.



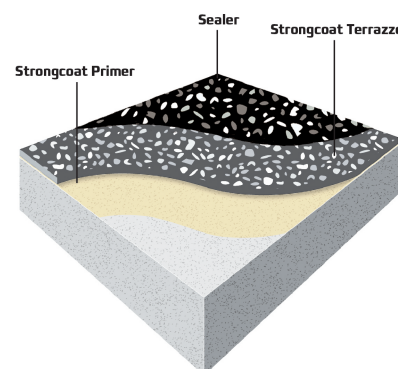
The cinema designers requested a decorative flooring system for the cinema lobbies that is durable, non-slip, sustainable, VOC compliant with a seamless and hard-wearing finish, as well as providing a natural aesthetic appearance for the floor.

Terrazzo flooring is one of the most cost-effective and environmentally friendly options available. It is frequently referred to as the first environmentally friendly flooring option. Water, fire, chemical spillage, and other stain concerns are all avoided with terrazzo coatings.

DCP SOLUTION

Using an epoxy matrix to bind aggregates and allow for a system that creates a smooth and luxurious floor finish, DCP was able to provide a high-quality flooring solution that met the project’s requirements using its **Strongcoat Terrazzo** flooring system.

It is a solvent-free seamless decorative flooring system consisting of a highly durable and pigmented epoxy resin which can be mixed with a wide variety of synthetic or natural aggregates such as silica sand, marble chips, coloured and clear glass chips, and many others to produce a durable and decorative epoxy terrazzo flooring system.



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DCP SOLUTION

The main advantage of this type of flooring system is the reduced maintenance and lifecycle costs; this will eliminate the need for any re-application or replacement as a result of regular use.

This elegant and timeless flooring finish, with its endless design possibilities and limitless customization option, will provide the required aesthetic natural appearance for the floor.



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DCP SOLUTION

The substrates were first primed with Strongcoat Primer; afterward, the resin was then mixed with the aggregates, and once mixing was complete, mixed **Strongcoat Terrazzo** mortar was transferred to the primed surface and compacted to the desired thickness.

After 24 hours, mechanical grinding was done in a slow circular motion to smooth the applied **Strongcoat Terrazzo** surface so that the layer is leveled and the aggregate becomes apparent.

Moreover, dry grinding was followed by wet grinding in order to enhance the finishing of the epoxy terrazzo and provide a smooth finish, after which a sealer was then applied to provide the desired finish.



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