

Bomanite Custom Polishing Systems

PROJECT PROFILE

INFINITE CAMPUS (MODENA MONOLITHIC, RENAISSANCE)



PROJECT INFORMATION

Infinite Campus is the largest U.S. owned K-12 student information management firm that is nestled among natural wetlands and a city park. Wanting to allow views to the exterior natural elements, the Finn Daniels Architect firm made sure the design incorporated architectural precast concrete wall panels, a glass curtain wall, and metal panels to provide views as well as creating an energy efficient building. The interior features open work spaces, two story garden elements with crossing bridges, a central rotunda, training rooms, and a full food service cafeteria.

When planning the cafeteria, the owner, Infinite Campus and Finn Daniels Architects wanted a free-flowing design that would complement existing epoxy terrazzo floors and carpet. The area needed to work with the natural elements already set and required low maintenance with a reflective sheen. During the conceptual stage the design team determined that the decorative concrete indoor flooring project should emulate the feeling of a sandy beach or shoreline which would shimmer and glisten like shells and sea glass in the sun. Bomanite Licensee Concrete Arts, Inc. provided the natural beach look by installing the **Bomanite Custom Polishing Systems** with **Bomanite Modena Monolithic** for the winding middle sea shell area and **Bomanite Renaissance Deep Grind** for the shoreline perimeter.

The two unique appearances were accomplished by first pouring the two perimeter pours of Bomanite Renaissance utilizing integral color to achieve the desired shade of concrete. Then the Bomanite Modena Monolithic portion was poured to complete the winding area in between. The soft gray color of the Bomanite Modena Monolithic was enhanced with black and blue natural aggregates blended with blue recycled glass. Mirrored glass, sea shells and mother of pearl were also hand-seeded to create the shimmer and iridescence reminiscent of that perfect beach feel.

Bomanite Modena Monolithic is a poured-in-place monolithically bonded concrete overlay utilizing integral colorants blended with engineered cements and aggregates. Bomanite Renaissance Deep Grind is a poured-in-place colored concrete slab with selected aggregates ready-mixed and finished to receive a deep grind and polish. Once both areas were placed and sufficiently hardened, **Concrete Arts** began the grinding and polishing process. This exposed the beauty of the glass and aggregate while providing a low maintenance, durable surface with great sheen and light reflectivity. When the sun shines through the glass curtain wall on the new cafeteria floor it evokes that happy feeling like a day at the beach.

PROJECT DETAILS

LOCATION

Blain, MN

CLIENT

Infinite Campus

PROJECT DESIGNER

Finn Daniels Architects

GENERAL CONTRACTOR

R. J. Ryan

INSTALL COMPLETED

2017

BOMANITE SYSTEMS

Bomanite Custom Polishing Systems; Modena Monolithic and Renaissance Deep Grind

NAME OF BUSINESS

The owner and architect were looking for a free-flowing natural design that would complement existing flooring surfaces.

BOMANITE LICENSED CONTRACTOR

Concrete Arts

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Infinite Campus Cafeteria - Bomanite Custom Polished Systems; Modena Monolithic and Renaissance



Infinite Campus Cafeteria - Bomanite Custom Polished Systems; Modena Monolithic and Renaissance Deep Grind



Infinite Campus Cafeteria - Bomanite Custom Polished Systems; Modena Monolithic and Renaissance Deep Grind



Infinite Campus Cafeteria - Bomanite Custom Polished Systems; Modena Monolithic and Renaissance Deep Grind



Infinite Campus Cafeteria - Bomanite Custom Polished Systems; Renaissance Deep Grind Close Up



Infinite Campus Cafeteria - Bomanite Custom Polished Systems; Modena Monolithic Close Up



Infinite Campus Cafeteria - Bomanite Custom Polished Systems; Modena Monolithic and Renaissance Deep Grind