

Decorative Systems Case Study



International supplier turns to MSC Floors

When an international supplier of control system development tools was looking for a truly unique system for their worldwide headquarters in Novi, Michigan, MSC Floors was up to the task.

Projects included their warehouse, manufacturing area, commercial kitchens, showers, bathrooms, conference rooms, and stairwells that all needed to be coated with a double broadcast ceramic quartz, and in some areas a full broadcast of 1/4" flake as well..

Project Brief

- **Over 7,000 square feet of seamless acrylic flake walls** consisting of surface preparation, epoxy primer, two coats of high build epoxy, two coats of ceramic quartz, and two coats of high build clear epoxy grout

- **Over 60,000 square feet of seamless decorative ceramic quartz** consisting of shot blasting, epoxy primer, two coats of high build epoxy, two coats of ceramic quartz, high build clear epoxy grout, and a high traffic urethane top coat
- **Over 2,000 square feet of seamless decorative metallics** consisting of shot blasting, epoxy primer, metallic high build epoxy, high build clear epoxy grout, and a high traffic urethane top coat
- **Over 5,000 square feet of seamless ceramic quartz walls** consisting of surface preparation, epoxy primer, two coats of high build epoxy, two coats of ceramic quartz, and two coats of high build clear epoxy grout



www.mscfloors.com

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Application Based Solutions

Heavy Duty Industrial Coatings

Manufacturing facilities require high performing systems that can withstand heavy traffic and are easy to maintain. Plant safety is realized with slip resistant coatings. Epoxy and urethane mortar systems provide the superior impact and abrasion resistance required in heavy manufacturing environments. Heavy wheeled vehicles and harsh chemicals will not damage these floor systems which are designed for the most extreme facilities.

Performance - superior impact resistance, abrasion resistant, stain and chemical resistant, slip resistant, seamless and easy to maintain

Applications - assembly lines, machine shops, aviation, military, tool and dye shops, industrial

Polished Concrete

Polished concrete improves environmental health by eliminating dust and increasing light reflectivity. Densified polish concrete lowers maintenance costs and provides increased impact and abrasion resistance compared to bare concrete. Perfect for warehouses and light to moderate manufacturing facilities, polished concrete delivers resistance to chemicals and tire marks while creating an aesthetically appealing environment.

Performance - dust-free, light reflectivity, easy to clean and maintain, seamless, durable, abrasion resistant, LEED certification

Applications - manufacturing, distribution, warehousing, common areas, walkways, staging areas

Urethane Concrete Mortar

Designed for the food and beverage industry, this system provides premium protection in wet environments. Urethane concrete mortars have superior resistance to staining and exposure to organic acids, solvents, and chemicals. With thermal shock protection up to 220F, this system is perfect in areas experiencing frequent hot water wash downs and thermal cycling.

Performance - cures quickly in hours NOT days; chemical, acids, and solvent resistance; designed for wet environments; stain, impact, and abrasion resistance

Applications - food and beverage, meat processing, breweries and wineries, bottling and packaging facilities

Joint Treatment and Filler

Damaged joints create safety hazards. Seasonal movement and stress from heavy traffic can threaten the integrity of the joints. Joint treatments will ensure a safe and environmentally healthy floor. Flexible, semi-rigid, and rigid joint fillers and sealers are available to provide durable joint solutions.

Performance - moisture resistant, chemical resistant, extreme temperature tolerance, custom color matching

Applications - control joints, expansion joints, cracks, weight transfers, fork lift and heavy vehicle traffic

MSC FLOORS IS THE PREFERRED COATINGS PROVIDER TO THE INDUSTRY'S LEADING PRODUCT MANUFACTURERS

Our close relationships with the product manufacturers provide us access to the best quality coatings available.

Whatever the operation, MSC Floors can offer a customized flooring solution that meets the unique needs of your facility.



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