

BioBond Antimicrobial Protective Floor and Wall Coating April 2025

Case Study: *Nova Farms (Phoenix, Arizona)*

April 2025



Retrofit Team

Facility Type: Food Processing and Distribution Center

Floor Removal: BioBond Phoenix Team (Christian Rodriguez, Alfredo Fuentes, Eddie Fuentes, and Greg Piche)

Location: Phoenix, Arizona

Coatings: BioBond Antimicrobial, Antislip Gray Protective Coatings

Contractor: Elite Builds

The Retrofit

19,600 Sqft Food Processing and Distribution Center

On four weekends in a row, BioBond and a contractor crew were on site at Nova Farms Food Processing and Distribution facility in Phoenix, Arizona to apply BioBond's Antimicrobial, Antislip Protective Coatings. Under the supervision of the BioBond team, the job began by preparing the target floor by grinding and filling cracks. It is critical to have a floor that is well prepared for coatings. The contractor then began by applying BioCoat SWaE250, a biobased primer epoxy that ensures strong adhesion between the concrete and the next layer.

Because BioBond's products are made from plant-based ingredients, there were no toxic fumes or odors—meaning the facility could remain open and contractors and workers could stay safely on-site during the installation process.

Next came the application of **BioCoat SSoE250**, a biobased base coat designed to fill in cracks and create a smooth foundation. The final layer, **BioCoat SUP250**, is a USDA BioPreferred-certified, antimicrobial urethane topcoat that contains **zero microplastics** as well as no odors. Together, these three layers form the only biobased, triple-coat flooring system on the market today—delivering long-lasting protection with antimicrobial properties that can remain effective for 20–30 years, depending on the wear of the topcoat.



The result? A durable floor that is anti-slip to add to the safety of the employees, with no downtime of the facility as no unpleasant odors were present. Food Processing and Distribution centers must apply a coating to their floors, so now this facility has a protective antimicrobial coating ready for inspection

