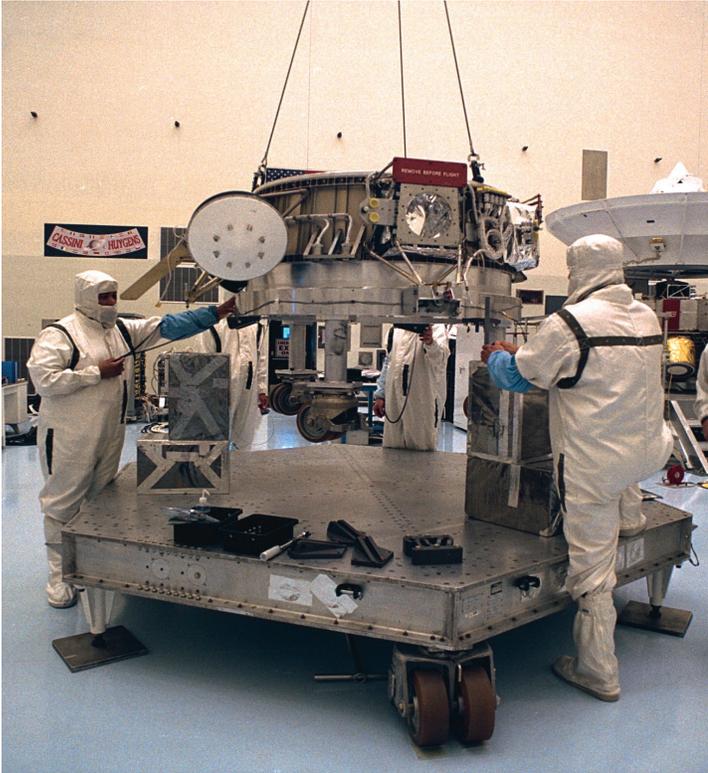


Stonhard Floors Meet NASA's Expectations for Cleanliness, Durability and Static Control

Products Used: Stonlux® ESD • Stonfil® OP2

Area: Processing Areas, Control Rooms, Labs, Logistical Areas, Offices



PROBLEM

In Cape Canaveral, Florida, NASA operates its Space Station Processing Facility (SSPF) out of the Kennedy Space Center. When more than 60,000 sq. ft. of vinyl tile disbonded eight months after its initial installation, the agency realized they needed a better flooring solution. The agency required strong and durable seamless floors that would meet clean manufacturing standards, stand up to the weight of heavy air pallets, and conduct static electricity to prevent electronic equipment damage and personnel injury. Stonhard's Stonlux ESD epoxy flooring system was the perfect solution to meet NASA's needs.

SOLUTION

Before installation, Stonhard crews eliminated osmotic pressure from the bare concrete using the pressure resistant grout Stonfil OP2. Two separate primers were subsequently applied for floor-slab adhesion, and grounding plates were set into the second layer of conductive primer to provide a controlled ground point. The Stonlux ESD floor system was installed followed by a final step – testing the floor for electrical resistance and static generation. The new conductive floor passed each test.

The electrical resistance consistency, coupled with the floor's exceptionally low body voltage generation values, provided a Class 0 sensitivity safe environment. Agency staff were delighted with their new floors and welcomed Stonhard for further facility projects.

DESIGN ELEMENTS

Color: Sky blue

OUR CERTIFICATIONS & MEMBERSHIPS

Stonhard is a member of the U.S. Green Building Council and is on the Manufacturer Advisory Panel for the HPD Collaborative. Stonhard carries an ISO 9001 quality system certification.

THE STONHARD DIFFERENCE

Stonhard is the unprecedented world leader in manufacturing and installing high-performance seamless, resinous floor, wall, and lining systems. With more than a century of experience, Stonhard provides its customers with a single-source warranty covering both products and installation.

