



Floor Solutions

Stonhard Floors Protect and Perform in Global Pharmaceutical Manufacturing Facility



Stonhard seamless flooring system for the secondary packing line in AstraZeneca's European center, a facility responsible for packing and distributing to 130 global markets.

Products used at AstraZeneca, Macclesfield, Cheshire, England:
• Stongard[®] MR • Stontec[®] ERF • Stonfil[®] OP2

A State-of-the-Art Pharmaceutical Packaging Facility Complete with Stonhard Floors

AstraZeneca is a British-Swedish global pharmaceutical and biopharmaceutical company headquartered in Cambridge, England where the majority of their research and development takes place. Their products treat diseases such as cancer, cardiovascular, gastrointestinal, infection, neuroscience, respiratory, and inflammation. From their European packaging and distribution center in Macclesfield, England, they support 130 global markets. AstraZeneca's Macclesfield location is the second largest global manufacturing facility for medicines like the legacy prostate cancer drug, Zoladex.

When AstraZeneca decided to turn an existing warehouse in Macclesfield into a state-of-the-art pharmaceutical packaging facility, they contracted with Boulting Environmental Services (BES), a

design-led construction company that has been providing multi-disciplinary engineering services for AstraZeneca's Macclesfield site for nearly 20 years. For this large-scale flooring project, BES

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recommended Stonhard's expertise and high-performance products to meet the specific requirements of the environments within the facility. Stonhard installed nearly 70,000 sq. ft. of durable, long-lasting epoxy systems throughout AstraZeneca's new production facility and cleanroom.



Stonhard provides proven flooring solutions for the pharmaceutical industry.

The Stonhard Difference

Stonhard is the unprecedented world leader in manufacturing and installing high-performance polymer floor, wall, and lining systems. Stonhard maintains 300 Territory Managers and 175 application crews worldwide who will work with you on design specification, project management, final walk through and service after the sale. Stonhard's single-source warranty covers both products and installation.

"This is the first project that we've undertaken with the Stonhard team and we were immediately impressed with their knowledge and experience, which was clear from the solution that they developed in response to our brief," said Dave Greaves, Senior Construction Manager, BES. "Add to this the product quality and reputation of Stonhard systems in pharma and healthcare facilities across the globe, and it made perfect sense for our client. They did an excellent job."

Stonhard Installs Products Formulated to Last and Perform in Specific Pharmaceutical Spaces

In response to a previous issue identified at the facility, Stonhard's flooring system design included Stonfil OP2 primer. This three-component polymer osmotic pressure-resistant grout eliminates osmotic blistering of the floor caused by excess moisture occurring in slabs on or below grade. Stonfil OP2 is available with all Stonhard flooring systems.

Next, Stongard MR, was specified for the plant rooms and workshop areas. This flooring system has been developed for positive-side waterproofing applications to protect areas beneath the space.

For the new-build cleanroom, Stonhard's Stontec ERF system was specified and installed. This high-performance decorative flake epoxy-based flooring system is dense, stain-resistant and available in an extensive range of finishes and color options.

Experience and Recognition in the Pharmaceutical Industry, Worldwide

Stonhard's Contracts Manager, Steve Lyon, said, "With nearly a 100 years in business, the experience Stonhard has gained in pharma and wider sectors underpinned the design and installation of this flooring project for AstraZeneca. Our products have proven themselves time and time again over the years and we're delighted that our manufacturing and installation capabilities have now been recognized by such an important supplier to the global pharmaceutical industry."



Pharmaceutical

