

Stonhard Makes Flooring Install Fit for 70-Ton Tanks

Stonclad GS epoxy mortar flooring system selected to support traffic and weight of 70-ton tanks at UK defense engineering company.



**Products used: Rheinmetall BAE Systems Land (RBSL), UK
Stonclad® GS and Stonproof® CT5**

Single-source industrial flooring specialist Stonhard has met one of its heaviest challenges in years by laying a high-performance, power-troweled epoxy mortar floor to withstand traffic from 70-ton tanks manufactured by a UK-based defense engineering company.

“Stonhard was selected because of its proven experience in delivering market-leading flooring products. The new floor will provide a long-term, durable surface which greatly improves the environment and reduces maintenance costs. It is transforming the factory and we are delighted with the quality of the finished product.”

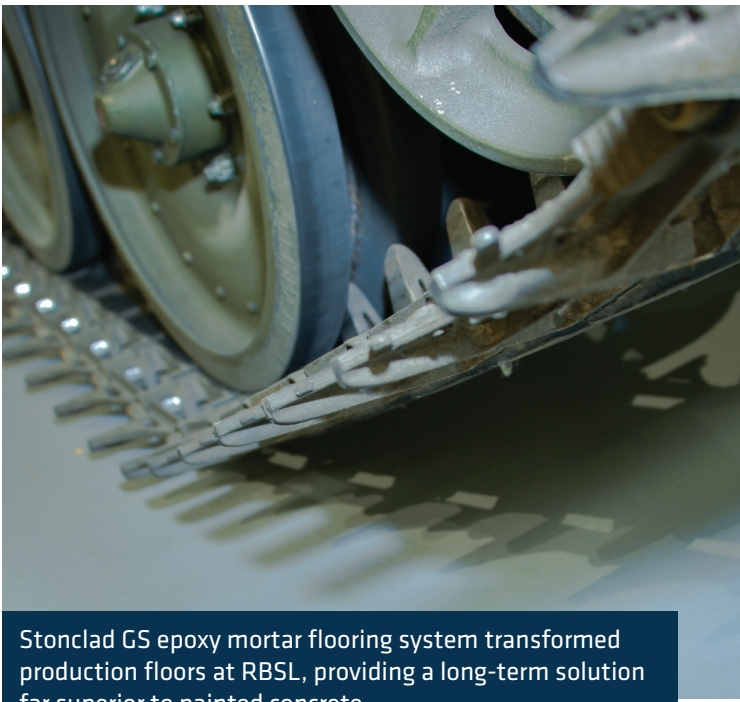
Stonhard provided a robust flooring solution for Rheinmetall BAE Systems Land (RBSL). RBSL is a joint venture between BAE Systems and Rheinmetall providing military vehicle design, manufacture and support.

Stonhard installed more than 204,500 sq. ft. of its popular, heavy-duty Stonclad GS epoxy mortar flooring system on the main production floors at the site in Telford, Shropshire, England.

The flooring installation is part of RBSL's multi-million dollar internal investment program to improve infrastructure and create a world-class manufacturing facility to deliver key armored vehicle programs.

Prior to Stonhard's involvement, RBSL had maneuvered the heavyweight vehicles over a painted concrete floor. To demonstrate the benefits of a more resilient approach, the technical services team from Stonhard took RBSL engineers into other companies to view floors that had been laid eight to 10 years earlier in similar heavy-duty environments. After a series of site visits and some extensive research, RBSL upgraded to the long-lasting Stonclad GS epoxy mortar flooring alternative, also taking advantage of another specialist product from Stonhard, Stonproof CT5, to mitigate future cracking risks.

Steve Lyon, Technical Services Manager from Stonhard, said the project had been a highly satisfying one. He added: “RBSL now has a durable flooring solution which can properly withstand years of what is probably the ultimate in heavy-duty traffic. Tanks and other military vehicles can roll over this floor with confidence.”



Stonclad GS epoxy mortar flooring system transformed production floors at RBSL, providing a long-term solution far superior to painted concrete.



THE STONHARD DIFFERENCE
 Stonhard is the unprecedented world leader in manufacturing and installing high-performance polymer floor, wall, and lining systems for more than a century. 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.



Andy Lovatt, Senior Facilities Engineer at Rheinmetall BAE Systems Land (RBSL) said; "Installing a new floor in a 60-year-old factory, while maintaining production activity, has been a unique and logistically challenging project for RBSL and Stonhard. "Stonhard was selected because of its proven experience in delivering market-leading flooring products. The new floor will provide a long-term, durable surface which greatly improves the environment and reduces maintenance costs. It is transforming the factory and we are delighted with the quality of the finished product."

Rheinmetall BAE Systems Land (RBSL) is a defense engineering company specializing in the design, manufacture and support of military vehicles used by the British Army and international customers. RBSL has a proud heritage, having designed and delivered many of the British Army's armored vehicle fleets under different business names. Whilst continuing to provide in-service support for these vehicles, RBSL is also in the process of delivering two of the UK's latest vehicle programs for the British Army - Challenger 3 and Boxer. RBSL has a skilled workforce of more than 530 employees, including 260 engineers and 40 apprentices, based across UK sites in Telford, Dorset, Bristol, and near Newcastle.



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