

HEAVY ARTILLERY STANDING FIRM

Faced with the regular assault of heavy artillery being moved, the floor of the munitions store at Gosport MOD Naval base was in need of refurbishment. More hard-wearing and maintenance free than the existing asphalt, a resin floor was considered to be the most suitable alternative and Ryebrook Resins Ltd of Crawley was contracted to lay their Ryegrip system in the 500m² storage facility. The resulting finish is capable of withstanding the considerable loads placed on it by missiles and other munitions and is also safer to work on due to its' inherent anti-slip properties.



After gaining top level security clearance, the Ryebrook installation team had to first remove the aging asphalt, using mechanical planing and diamond grinding machines. After preparing the concrete, it was advised that the sub-floor should be protected with two coats of Ryeprime DPM (surface damp proof membrane), ensuring a secure base onto which the layered Ryegrip system could be applied. This durable system consists of a quartz aggregate blinded into a layer of solvent-free epoxy resin which is then sandwiched between a further coat of solvent-free epoxy resin giving an overall thickness of approx. 3mm.

The resulting seamless surface is extremely tough, resisting impact from heavy loads, minimising abrasion and wear and tear. Making the best use of available space whilst complying with Health & Safety red and white demarcation lines stand boldly out against the dark green floor, clearly indicating storage areas and aisles. Existing movement joints in the subfloor were brought through and filled with Ryex-pand flexible epoxy resin jointing material.

This is the fourth unit Ryebrook Resins has re-surfaced at Gosport Defence Munitions, the largest being over 1,500m².

For further information please contact:

Tony Hills, MD
Ryebrook Resins
Unit 4, Kelvin Business Centre, Kelvin Way,
Crawley, West Sussex RH10 9SF

Tel: 01293 565500
Fax: 01293 565472
Email: sales@ryebrook.co.uk