



AMCASH case study

Advanced and sustainable coatings



COATINGS SOLUTIONS

'The result of metal theft on Britain's railways include significant delays to passengers and costing the UK taxpayer an estimated £1.4 million in Network Rail's North West & Central Region.' *

The Challenge

Blocksil wanted to widen their knowledge of the properties and behaviour of a new vandal resilient coating material developed for cabling.

**The Global Railway Review 14 February 2020*





Advanced and sustainable coatings



‘Through AMCASH we received expertise and had the use of equipment we would otherwise not have access to. The AMCASH team’s intervention enabled us to gain a greater understanding of our new coating, and it’s resistance to different types of vandalism. The assistance has been beneficial from a business perspective and we have developed a brand new product that we are confident about launching into the marketplace.’

Guy Williams, Managing Director, Blocksil Ltd

What AMCASH did

AMCASH performed a series of tests, including stab, cut-through, adhesion and tensile testing. These tests enabled us to determine potential, including energy required, to cut through this new material compared to existing cable coatings.

Outcomes

AMCASH found that the coating improved cable protection, requiring increased force, and time, to strip cables.

AMCASH has helped Blocksil Ltd to develop its new vandal proof coating for cables - *Blocksil Flame Retardant Intumescent Coating*

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