

Trojan Cable Troughing System

Customer: Trojan Services Limited

Project Objective

Trojan Services approached us needing a durable recycled material that would be suitable for the production of troughs for cabling to run alongside rail tracks.

The product needed to be UV stable and tough enough to survive the installation process, and the rigours of a 25 year plus life next to the train tracks, and have the correct processing characteristics to produce big, heavy moulding in viable cycle times



REGAIN Approach

We came up with a formulation using a recycled polypropylene combined with a mineral filler system and state of the art UV system.

Initial samples were produced and exposed to rigorous testing and acceptance procedures through independent laboratories and Network Rail.

Following acceptance of the sample products we supported the customer during the initial moulding trials, all the time developing and tweaking the material for processability, whilst maintain the structural properties

Results

Tro-Trof, and the next generation product Tro-Tread is now a successful product, with over 100,000 units already sold and orders pending such that additional tooling is being commissioned.

