



DELIVERING LECA LWA UNDER RAIL ARCHWAY



LECA® LWA was specified for the disused Ratho Station in Edinburgh. This project required an urgent infill underneath the railway arch to maintain continued safety.

Selecting an aggregate infill was proving to be difficult for the construction team, with detrimental conditions including poor ground conditions and limited access to the railway arch. LECA® LWA was selected because of its lightweight properties, weighing 1/3 of traditional rock aggregate and also its ability to be pneumatically blown into place at a long distance through its piping system - resolving and solving these technical difficulties with ease.

Over 330m³ of LECA® LWA was pneumatically delivered through the blowing vehicle. This material was topped up with a local stockpile on site, making the delivery of material quick and efficient. Through this pneumatic delivery option, the speed of delivery ensured that the job was complete over a 2-day period, limiting the time required for a traffic controlled system above the railway arches.

FACTS

Amount of material: 330m³ of [LECA LWA \(10-20mm\)](#)

Interesting Fact: Over 330m³ of LECA® LWA was pneumatically delivered through the blowing vehicle.

Delivery Method: Pneumatic Delivery