

“Generating our own clean power not only reduces our carbon footprint, but also provides long-term energy security for Tarmac operations.”

Rob Doody, managing director for Tarmac’s central region

Planet

NET ZERO

Self generated power

Renewable electricity

Tarmac has installed hundreds of solar photovoltaic (PV) panels at its Birmingham Asphalt Plant in Washwood Heath as part of our commitment to net zero.

Around 430 PV panels have been designed and installed by solar energy specialists Custom Solar on the south facing roof of the plant, and site offices. Generating up to 194,000 kwh of renewable energy a year, the installation will supply around 10% of the site’s electricity demand.

All electricity used by Tarmac across its nationwide operations is already drawn from 100% clean renewable sources, however if the panels were replacing electricity generated from fossil fuels, the carbon savings would equate to around 33,000kg of CO2 in the first year of operation.

This is the first of Tarmac’s asphalt plants to install solar PVs, and we are now working on designs to roll out the technology at other similar sites across the UK which will place less demand on the national electricity network, as well as make operations even more sustainable.

Rob Doody, managing director for Tarmac’s central region, said: “We’ve been proactively making significant improvements to our operations and product portfolio for many years – it’s great to be taking another step on our sustainability journey and using home-grown electricity at one of our flagship sites, contributing to the generation of renewable energy.”

Custom Solar, senior account manager, Neil Beaumont said: “We are extremely pleased to have completed this solar development with Tarmac. The company’s sustainability



ambitions are clear to see, and it has been great to work with the Tarmac team as part of continued efforts to reduce carbon emissions.

“All of the power generated by the 200kWp installation will be used onsite, helping to reduce site reliance on the grid, whilst also mitigating their exposure to the volatile energy markets.”

The addition of the PV panels is the latest in a series of sustainability measures introduced at Birmingham Asphalt Plant, which recently announced it had acquired the UK’s first battery electric mixer truck.