



SIKA AT WORK

REFOOD RECYCLING, ESSEX

ROOFING: Sika-Trocal® S

Sika-Trocal®



REFOOD RECYCLING, ESSEX



SIKA'S ADAPTABLE ROOF SYSTEM ENSURES RECYCLING PLANT'S CIRCULAR TOWERS ARE IN GOOD WATERPROOF SHAPE

The superb flexibility of Sika-Trocal® Type S system ensured a potentially challenging roof installation across five, 18-metre-high industrial towers was completed to exceptional standard and without issue.

Food recycling specialists, ReFood, has developed an anaerobic digestion plant beside the Thames in Dagenham, Essex – its first outlet in the Greater London area. The £32million site will be capable of processing 160,000 tonnes of food waste per year.

The development includes five, 18-metre-high digestion towers that facilitate the food's conversion to gas, and a pump room which powers the process. Each building is circular in shape, therefore when it came to the roof installation, contractors Hadfield Roofing, on behalf of Britcon, required a system that could be adapted to fit the challenging design whilst remaining watertight. The Sika-Trocal® Type S system proved ideal.

The 1,400m² roof installation at the ReFood recycling plant began in July 2016. The 2mm Type S light grey membrane was applied to each roof's flat concrete base. Installers not only had the towers' height and shape to contend with, the site's location beside the Thames meant wind funneled directly toward the buildings, making for a potentially challenging affixing process.

The Type S system's easy-to-install properties ensured the operation was completed with minimal issue. Carrying full BBA accreditation, the system does not require a separate fastening system for thermal insulation as it utilises the same disc and fastener for securing the insulation and the waterproofing membrane, thus improving the ease and speed of install.

The Type S membrane's flexibility was also crucial in allowing for watertight, circular detailing where the towers abutted the plant room roof below. Joe Hadfield, Commercial Director at Hadfield Roofing, said: "The Type S system was perfect for this project. It was cut to size to fit the circular roofs and absolutely ideal for completing the rounded, metal detailing. Dagenham was the third ReFood site where we'd applied the Type S system in conjunction with Britcon. All those involved with each project have been incredibly pleased with its performance."

The Type S membrane's adaptability and simple application ensured each roof at the Dagenham food recycling plant was completed to the client's strict eight-month deadline and full satisfaction. The system comes with a 20-year guarantee, providing total reassurance that the equipment used to power the ingenious, environmentally-friendly food waste disposal process is long-term protected against the perils associated with flooding and damp.

PROJECT PARTICIPANTS

Size: 1,400m²
Contractor: Hadfield Roofing

Our most current General Sales Conditions shall apply.
Please consult the Data Sheet prior to any use and processing.



FM 12504

EMS 45308

OHS 585274

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