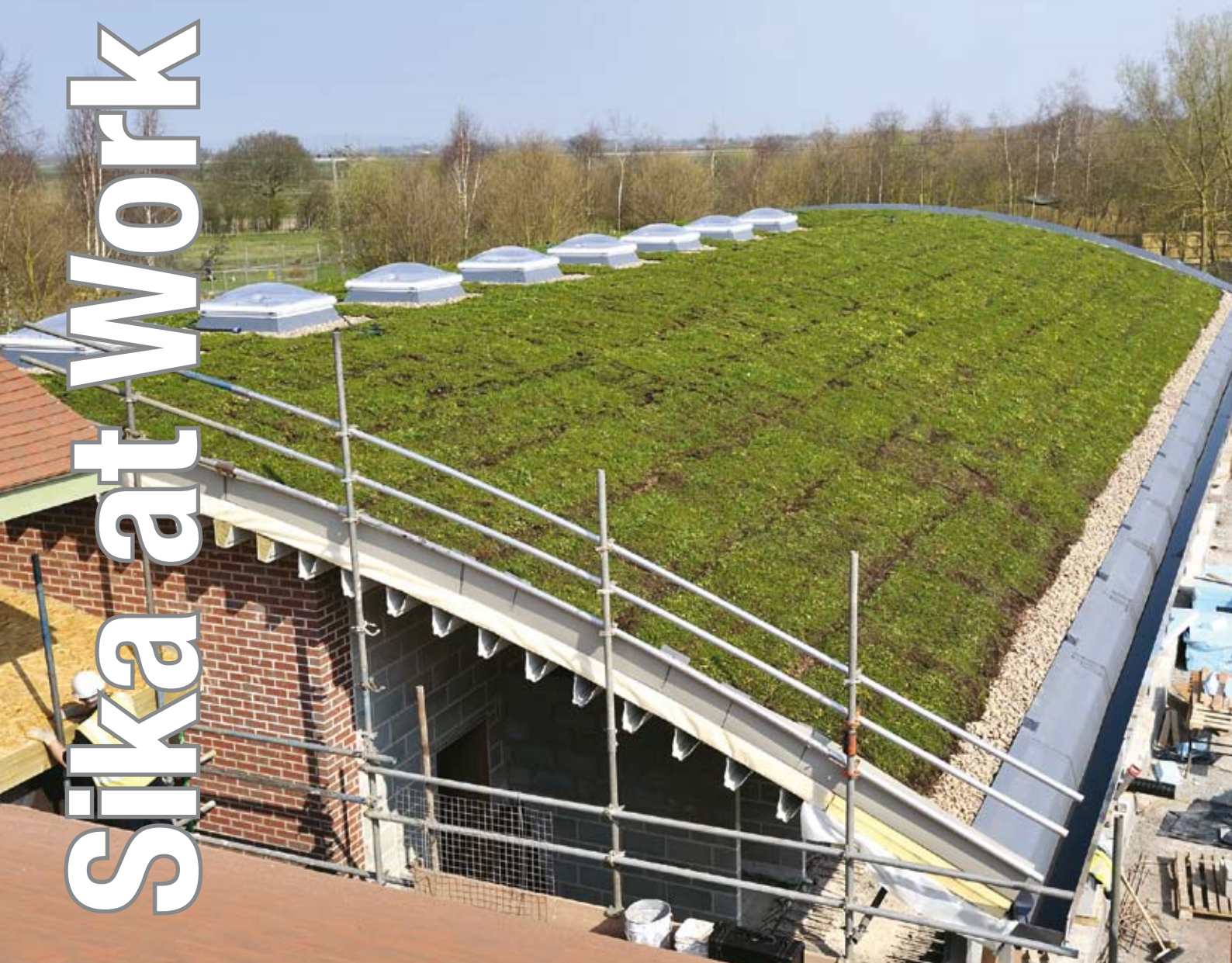


Sika at work



Roofing

Roden and Wymeswold Dogs Trusts

Roofing: Type SGmA and Type S Single Ply Membranes



Sika-Trocal



Project Requirement

The Dogs Trust has recently spent more than £10 million creating two brand new rehoming centres – designed to be the world’s greenest dog rescue centres and to help the charity reduce its carbon “pawprint”. Following the successful completion of the first project at Roden in May 2011, Sika-Trocal was chosen for the second site at Wymeswold which was completed in December. The projects included a 610m² barrel-vaulted green roof on the rehoming building, a 190m² roof on the intake kennels, a 61m long green roof with a steep pitch of 16 degrees, and a central hexadecagon roof lantern sealed to a lower octagonal roof section.

The construction programme incorporated materials with low environmental impact including rainwater harvesting, a biomass boiler, under floor heating, solar panels, and a green roof, helping the building become the first of its kind to achieve a BREEAM Outstanding rating.

Sika-Trocal Solution

The green roofs at both sites had steep pitches, which meant an innovative retention batten system needed to be developed, fabricated and fitted that would be aesthetically pleasing and strong enough to restrain the green roof from slippage – as well as meeting Sika-Trocal’s stringent installation criteria.

The intake building at Roden was also particularly challenging as it has a low canopy roof 55m long that required a standing seam effect. To achieve this the roof was fitted with Sika-Trocal SE profiles, which if not perfectly aligned would be very obvious.

For both projects Sika-Trocal’s Type SGmA and Type S Single Ply Membranes were installed, with the Type S membrane being fixed using the unique Sika-Trocal disc system. This system enables a quick installation by fixing the membrane and insulation with just one fastener resulting in the use of approximately 50% less fasteners than a typical mechanically fixed system.

Project Participants

Contractor: Telclad

Client: Dog’s Trust



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