



SIKA AT WORK

Camelon Crescent, Blantyre

BUILDING FINISHING: Sikatherm External Wall Insulation System
with Dry Dash and Revlane TG render façade finish

BUILDING TRUST



SIKATHERM EXTERNAL WALL INSULATION SYSTEM IMPROVES ENERGY EFFICIENCY FOR BLANTYRE FLATS



Before and after photographs

PROJECT DESCRIPTION

Residents in 48 properties, at five blocks of flats in Blantyre, will now benefit from more energy efficiency thanks to the installation of the Sikatherm external wall insulation system. The project follows a £1.4 million investment at Camelon Crescent from South Lanarkshire Council who joined forces with GMG Contractors to make improvements to the flats and increase the thermal performance, making each property cheaper to heat. To help enhance the overall energy efficiency of this refurbishment project, the Sikatherm system was specified to prevent heat loss and eliminate any thermal bridges. By insulating the outer leaf of each block of flats, the entire building's fabric becomes warm and dry, reducing the risk of condensation and any associated mould growth.

A heavy spray textured layer of SikaWall®-5400 Exposed Aggregate dry dash receiver was applied to the facades and SikaWall®-531 Smoothband render was applied to the reveals for a smooth, flat appearance. For the balcony areas and external stairway walls, Sika REVLANE + IGNIFUGE TG render provided a smooth finish to contrast with the dry dash texture.

PROJECT SOLUTIONS

Sikatherm external wall insulation system, comprising mineral fibre and EPS insulation boards; primary and secondary stainless-steel fixings; SikaWall®-1015 adhesive, embedded into Sika 355 AVU reinforcing mesh; SikaWall®-5400 Exposed Aggregate dry dash receiver; SikaWall®-531 Smoothband render; Sika REVLANE + IGNIFUGE TG render

U-values achieved: 0.14 W/m²K – 0.18 W/m²K

PROJECT CREDITS

Client:	South Lanarkshire Council
Installer:	GMG Contractors
Photography:	GMG Contractors