



PRESS RELEASE Metclad successfully constructs challenging curved Kalzip design for Center Parcs

Metclad, a leading contractor within the roof and cladding industry, recently completed work on Center Parcs' newest Village Woburn Forest near Bedford, overcoming various design, technical and logistical challenges.

Nottingham-based firm Metclad used Kalzip, the world-leading standing seam roof and wall cladding system, to create striking and bespoke designs. This architecturally significant project was developed into a workable solution by Metclad's team of in-house designers, and the pool front feature fascia was innovatively designed using the latest 3D software.

With limited structure in the main pool complex, constructing the curvature of the walls and roof posed more of a challenge. The curved walls also made it harder for Metclad's 20-strong team to get close to the surfaces with machinery. "The Kalzip sheets had to be cut at roof level to create the rotunda as the seams all fall in different directions towards the secret gutters at the outer edges," explains Wayne Wheat, Metclad's Contracts Manager. He explains why Kalzip was suited to this Center Parcs build: "Made of long-lasting aluminium, it doesn't rust and is 100% recyclable. These cut sheets could then be welded on-site to make them waterproof – one advantage of using Kalzip for this project in particular."

Curved Kalzip sheets up to 35 metres long, some straight and some tapered, were rolled on site before being installed on the structural liner of the pool complex. Installation was more technically challenging around the flumes through the vertical Kalzip walls where a combination of bespoke aluminium fabrication and EPDM was used to create a leak free detail whilst still allowing the flumes to move.

The design of The Plaza building was more straight-forward, despite its scale. 10,000m² Kalzip was installed on the structural liner spanning 8 metres, and the design incorporated feature architectural PPC aluminium fascias on all perimeters of the build, plus a green roof.

Marvin Village, Metclad's MD, is proud of his team's achievements on this project: "From stylish design to flawless installation, everyone involved has worked tirelessly to make this unique project a success – and the finished build really has quite an impact. This project has pushed the construction capabilities of Kalzip to overcome awkward logistics and it has delivered with great results."

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