

PROJECT SHOWCASE

Date complete	2017
Project	Flour Mill
GPS / location	THIKA
Architect	Building Design Consortium
Roofing Material	Sandwich Panels, Aluminium Louvres and Polycarbonate Sheets
Developer	Bakex



Additional Notes: The 50mm Sandwich Panels used comprised of an IPN Core, an inner Ribbed 0.4mm Galvanised Sheet with an outer Ribbed 0.5mm Galvanised Sheet, both painted with a Food Grade Polyester Paint System. This would allow for a clean environment within, in which the Mill could operate while providing the desired aesthetics. The Aluminium Louvres were individually fabricated and backed with wire mesh to provide natural ventilation whilst keeping large particles out of the building. Finally, the 4mm Solid Polycarbonate Sheets were to allow natural light, reducing the need for artificial lighting within the building. The biggest aesthetic element to the design was the use of Orange bands throughout the build, matching their corporate colours and providing some much needed colour in the expanding industrial area of Thika.