

STREAMLIGHT TOWER



Background A residential scheme developed for Swan New Homes of urban style affordable housing, Streamlight comprises 137 homes and features a three-block design. The tallest of the three towers has a distinctive lipstick-shaped crown. It reaches 82 meters in height, affording stunning views over to the Olympic Stadium and its surroundings. **Scope** RAK Ceramics' porcelain slabs were specified for the UK's biggest large-format ceramic cladding installation. Designed by Domus Facades and installed by Cladding UK for main contractor Higgins Construction PLC, forms the exterior of Streamlight Tower. The development was designed by Barrett Lloyd Davis Associates Ltd and Hunters Architects. A light colored exterior tile with SRI (Social Responsible Investing) at least 29 must cover at least 50% of the exterior surface to qualify for LEED credit. As a façade can help reduce energy consumption, it can also contribute towards Energy and Atmosphere (EA) credit. The sustainable design includes exterior monochromatic cladding, using RAK Ceramics large format Lounge porcelain slabs, on all aspects. **Results** The Lounge slabs were chosen to provide a highly durable and distinctive background, alongside accents of smoked glass throughout balconies, the cladding includes a mix of black, beige and grey slabs. The excellent thermal conductivity of Lounge reduced energy consumption. All tiles have a mottled, unpolished surface and each measure 179.5 cm x 119.5 cm. Brian Mace, Managing Director of Domus Facades commented, "This is a prime example of where cutting edge building materials are able to fuse with the design intent of the practice. The large format tiles allow a far greater reach and work to fill in between the floors without the odd off cut tile. The self-cleaning product is a great plus on a building of this size and accessibility. The entire process was immaculately managed by the team at Cladding UK which made the project a joy to work on."

Year
2012

Application
Residential buildings

Interventions
Wall and floor application

Location
London Europe United Kingdom