



Greenwich Peninsular, M117

Client: Knight Dragon

Contractor: GB Building

Location: Greenwich, South East London

Balconies: 151 Cassettes®

Value: £1m



Challenge

The original contractor for this project went into administration resulting in the developer taking over construction. This could have caused a number of issues regarding the ownership of any parts and products. Another challenge arose when the crane position meant it was not able to install all of the balconies.



Solution

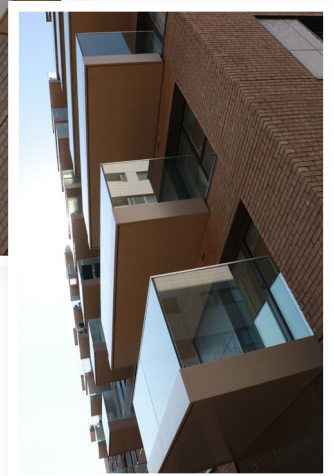
Sapphire manufactured and stored the balconies at its Winchester production facility ahead of time. The vesting of these balconies had been manufactured ahead of time and were in storage at the Winchester production facilities, which meant there was continuity when the developer took over construction, avoiding extra hassle and any delays. As the crane was unable to complete the install, a telehandler was used to glide some balconies on from the roadside.



Installation process

- Step 1** Following drawing sign off by the contractor and architect, and a prototype produced, Sapphire manufactured the balconies at its Winchester production facility.
- Step 2** The balconies were completed ahead of the on site program requirements, and kept in storage at Winchester. This meant that the contractor or client could call off balconies when ready on site.
- Step 3** When required, the balconies were transported to site on Sapphire's double stack lorries.
- Step 4** Some balconies were installed using a crane tower, after which a telehandler was used to install the remaining balconies from the roadside.





NBS Specification

Greenwich Peninsular M117

Manufacturer	Sapphire Balustrades Ltd 11 Arkwright Road Reading RG2 0LU 0844 88 00 553 sales@sapphire.eu.com www.sapphire.eu.com
Reference	Glide-On™ aluminium Cassette® balconies with Crystal® frameless, structural glass.
Balcony anchor	Cast-in Schoeck® KS20 anchor incorporating thermal breaks.
Arms	Two piece galvanised steel stubs and arms, with arms fitted at a later date.
Cassette® structure	Standard 400mm modular Glide-On™ Cassette® balconies
Soffits	Polyester powder coated aluminium soffits to Ral 9010 matt, free draining to front of balcony.
Deck finish	WPC composite decking fixed with hidden clips. Colour S6 with PO2 grain finish.
Toprail	Square brushed satin effect anodised aluminium capping fixed on top of glass.
Guarding	8+8mm thick clear toughened Crystal® structural glass panels laminated together with a clear 1.5mm PVB interlayer.
Base fixing	Mechanically fixed to Cassette® using bobbin point fixing clamps.
Fascias	Polyester powder coated aluminium fascias to Ral 9010 matt to hide all fixings.

