

## Case Study

Project/customer name:	Camlet Way
Year of application:	2017
Location/country:	Hertfordshire / UK
Building type:	Luxury multi-residential estate
Authorized contractor:	Avonside Letchworth
Additional project details:	Preventive waterproofing

General view:



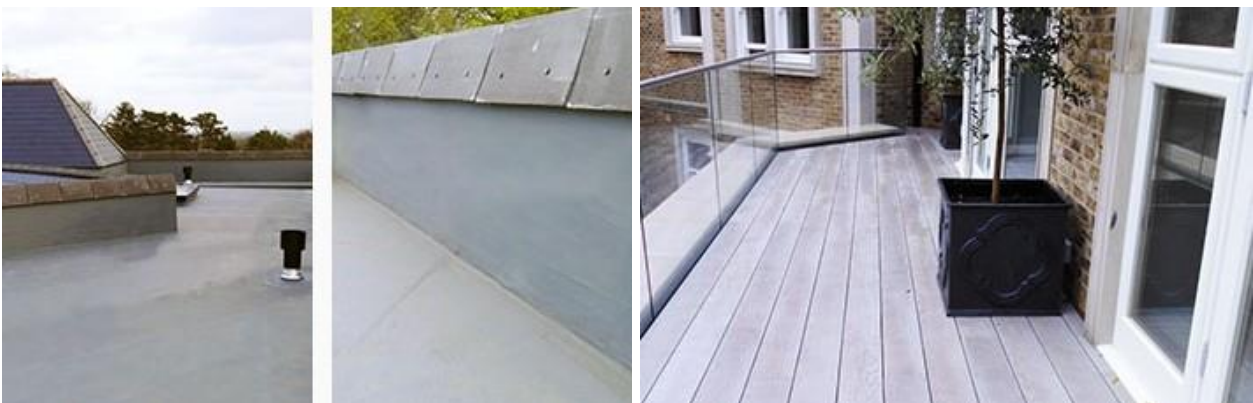
## Challenge:

- The development consists of nine luxury apartments in the very prestigious North London setting. Complete with underground parking facilities, a basement gym, swimming pool and a rooftop terrace with hot tub.
- All specified areas required thorough investigation and testing to ensure that the right solution for preventive waterproofing was selected. The rooftop terrace required particular attention, with considerable loading implications due to the weight of the hot tub which was to be installed once complete. The roof terrace decking system, which was to be laid on top of pedestals, also required careful consideration.



## Solution:

- For the roof Triflex ProTect was chosen as it would provide advanced thermal insulation along with a durable and puncture resistant finish.
- Triflex ProTerra Buried, a fully certified system designed for walkways, balconies and terraces was the immediate selection for the roof terrace.
- For the balconies Triflex ProTerra was installed, and decking was laid over the finished Triflex surface.



## Products used at a glance:

Triflex offers liquid PMMA\* based resins (e.g. ProDetail for details or ProTect for areas):

1. Substrate
2. Primer, if necessary
3. Waterproofing layers
  - a) Triflex ProDetail (2kg / sqm)
  - b) Triflex Special Fleece
  - c) Triflex ProDetail (1 kg / sqm)
4. Finish, if wanted

\* Polymethyl methacrylate



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## Main benefits (European Guideline ETAG 005):

- 25 years estimated working life performance
- Fast curing time and rainproof after only 30 minutes
- Application possible till humidity of 99% and withstands surface temperature after application up to 90° C
- A liquid seamless solution that fits to any structure with complex geometry
- Adherence to any surfaces (Aluminum, steel, plastic, glass, bitumen, concrete, ...)
- Solvent free, environmental friendly and with no risk to health
- High resistance to chemicals, roots and rhizome, alkali and hydrolysis
- Cold application with no flame and flame retardant
- Highly UV resistant (1000 MJ/m<sup>2</sup> = 325 days)
- Easy to impose loads after application (for particular demands as green roofs)