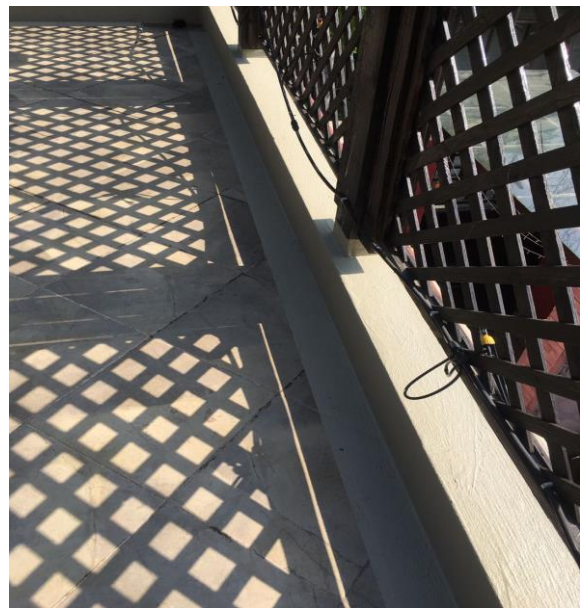


## Case Study

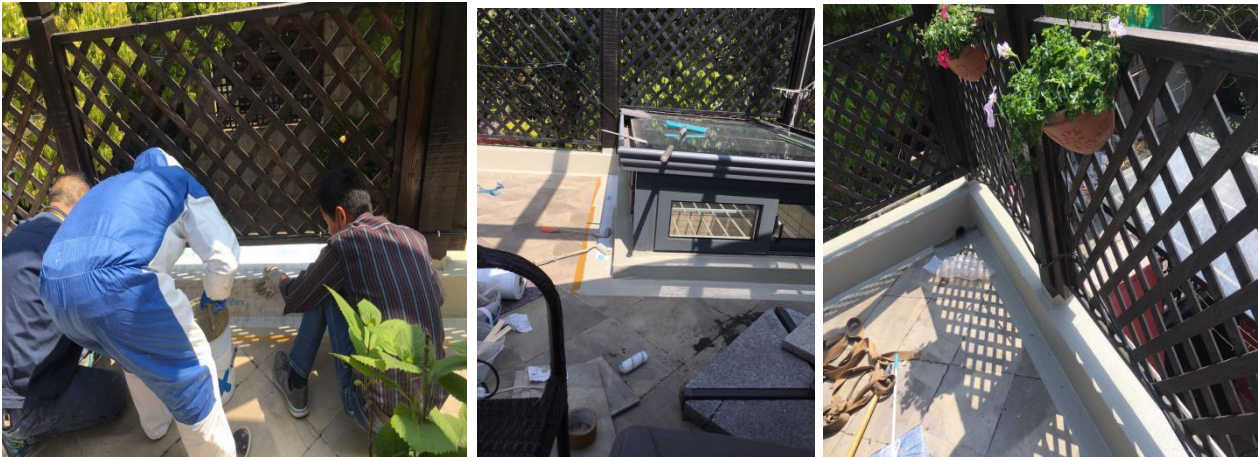
Project/customer name:	OTC villa
Year of application:	2020
Location/country:	Shanghai/ China
Building type:	Balcony
Authorized contractor:	Shanghai Hengfeng Co.,Ltd
Additional project details:	Waterproofing for parapet, vent, drainages.

General view:



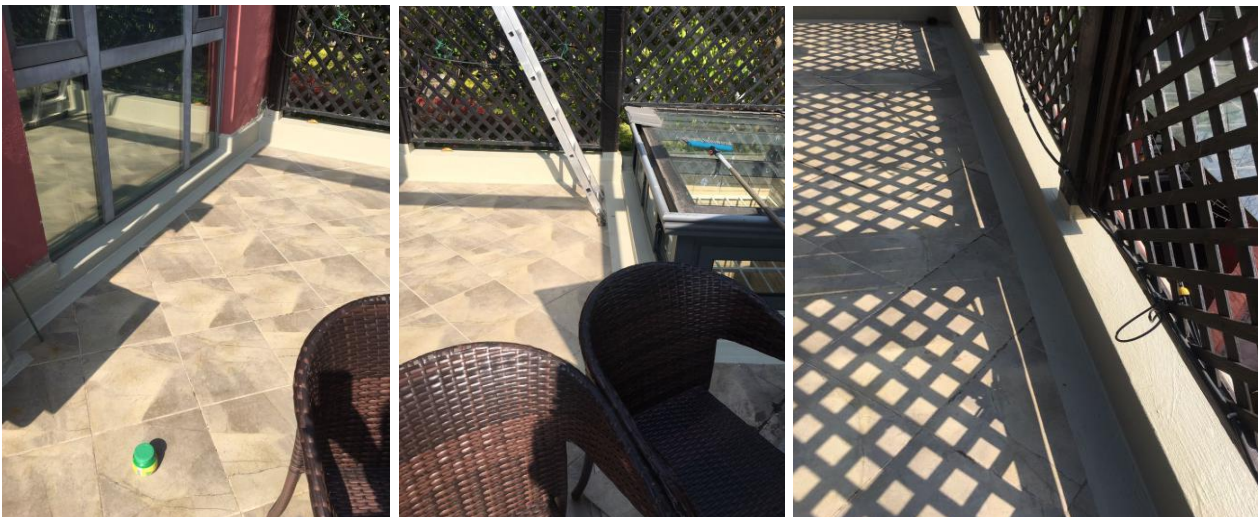
## Challenge:

- Cracking due to the settlement of structural parapet caused severe leaking between the floor and the parapet.
- The system consists of several substrates: Concrete, metal, glass, PVC.
- There were also some water leakages on the surface of the parapet.



## Solution:

- Triflex Prodetail easily adheres to all the surfaces of the parapet and is especially suitable for the joint between the window and the floor.
- Some cracks (joint of tiles) were filled with Triflex Cryl Paste before the waterproofing application was done.

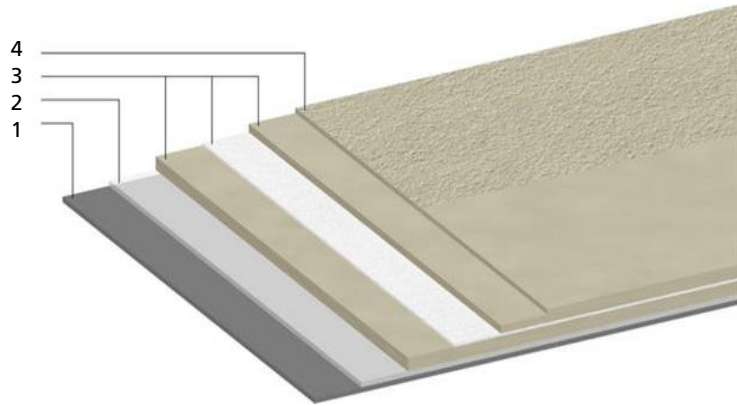


## Products used at a glance:

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



**Continually improved over 40 years in order to become the market leader in Europe.**



## 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)