

Case Study

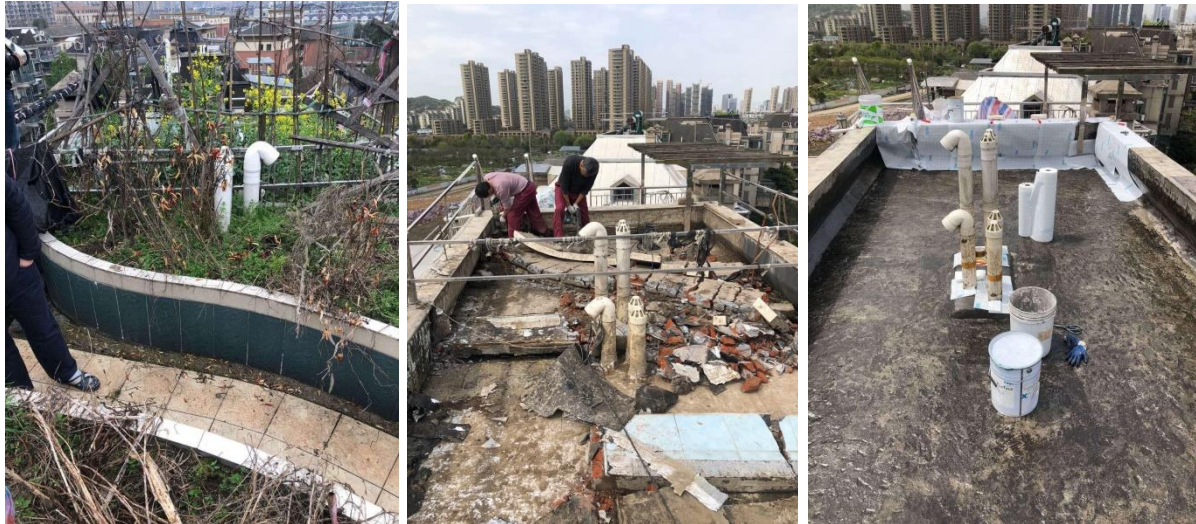
Project/customer name:	Private House
Year of application:	2016
Location/country:	Shanghai / China
Building type:	House
Authorized contractor:	Triflex Shanghai
Additional project details:	Looking for years for the right solution

General view:



Challenge:

- The owner had lots of problems with water leaking
- He was searching for solutions for many years
- However, he had to repair again and again, because local solutions did not work



Solution:

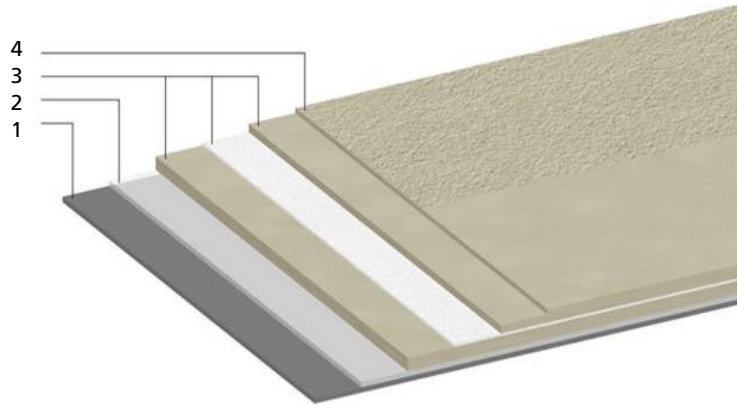
- Triflex Shanghai cleaned up the roof and leveled out any unevenness in the substrate with Triflex Cryl Paste
- Triflex ProTect® was chosen for the areas because of being hydrolysis resistant
- Triflex ProDetail® was used for all roof edge details
- The roof is now clean and 100% water-tight



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/m² = 325 days)
- Easy to impose loads after application (for particular demands as green roofs)