

Case Study

Project/customer name:	First Class Bungalow
Year of application:	2019
Location/country:	Singapore
Building type:	Bungalow
Authorized contractor:	Egner Building and Technologies Pte. Ltd.
Additional project details:	Owner looked for a solution for many years

General view:



Challenge:

- This first class bungalow had problems with water ingress at all canopies
- There were many repairs, but problems reoccurred just after short time
- Conventional products failed mostly due to the high UV impact



Solution:

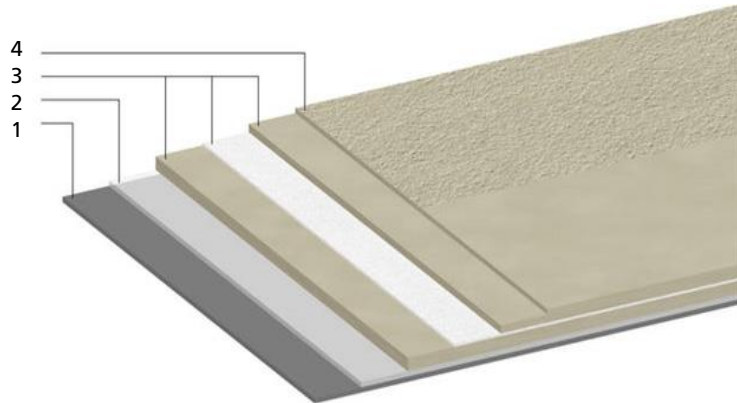
- The edges were sealed using ProDetail
- ProTect were used to waterproof the areas
- There will be a long-lasting effect due to the high UV resistance of these products



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)