

Case Study

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| Project/customer name: | The Links Valley |
| Year of application: | 2018 |
| Location/country: | Ermelo, The Netherlands |
| Building type: | Golf clubhouse |
| Authorized contractor: | Tissink Specialistische Afdichtingen |
| Additional project details: | Minimize the risks of slip, be UV resistant, wide range of finish color |

General view:



Challenge:

- The outer terrace of the clubhouse would be exposed to the elements as well as to UV radiation all year round.
- The flooring surface would therefore need to be watertight, provide a good level of anti-skid to minimize the risks of slips, trips and falls, be UV resistant and be insulated.
- Lastly the architect stressed that the finish color would need to fit in well with the serene surroundings of The Links Valley.



Solution:

- The chosen Triflex ProTerra Insulated is a fully bonded, seamless system. Unlike with pavers, there are no joints or seams where dirt or plant life can accumulate beneath the surface. The Quartz Design finish would also provide enhanced anti-skid properties, increasing the safety of the roof terrace.
- A key advantage of Triflex is that color can be fully adapted to the wishes of the client or architect. After providing numerous samples, grey was chosen as the most suitable color, allowing light to be reflected but also minimizing the risk of the surface looking dirty in time.

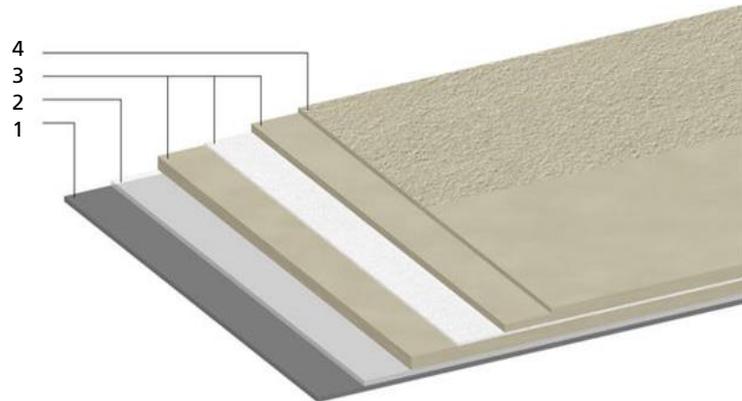


Products used at a glance:

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