

Case Study

Project/customer name:	Altes Gerberhaus
Year of application:	2010
Location/country:	Wels / Austria
Building type:	House
Authorized contractor:	Santech, Bau-Abdichtungs Ges.m.b.H.
Additional project details:	Sealing concrete statues

General view:





Challenge:

- The task was to permanently protect the concrete statues from wind and weather.
- Flexible and elastic sealing of difficult to access details was required.
- Maintaining the original shape of the statues was a top priority.



Solution:

- After a thorough sanding of the old coating, the figures were primed.
- Sealing larger areas such as the base was made with Triflex ProDetail, detail seals such as like hands, face or muscles with Triflex ProFibre.
- Thanks to the excellent adhesion to concrete, the liquid resin hugs the figures like a second skin and offers permanent protection against wind and weather.

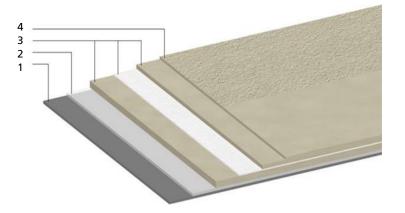




Products used at a glance:

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)