

Case Study

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| 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)