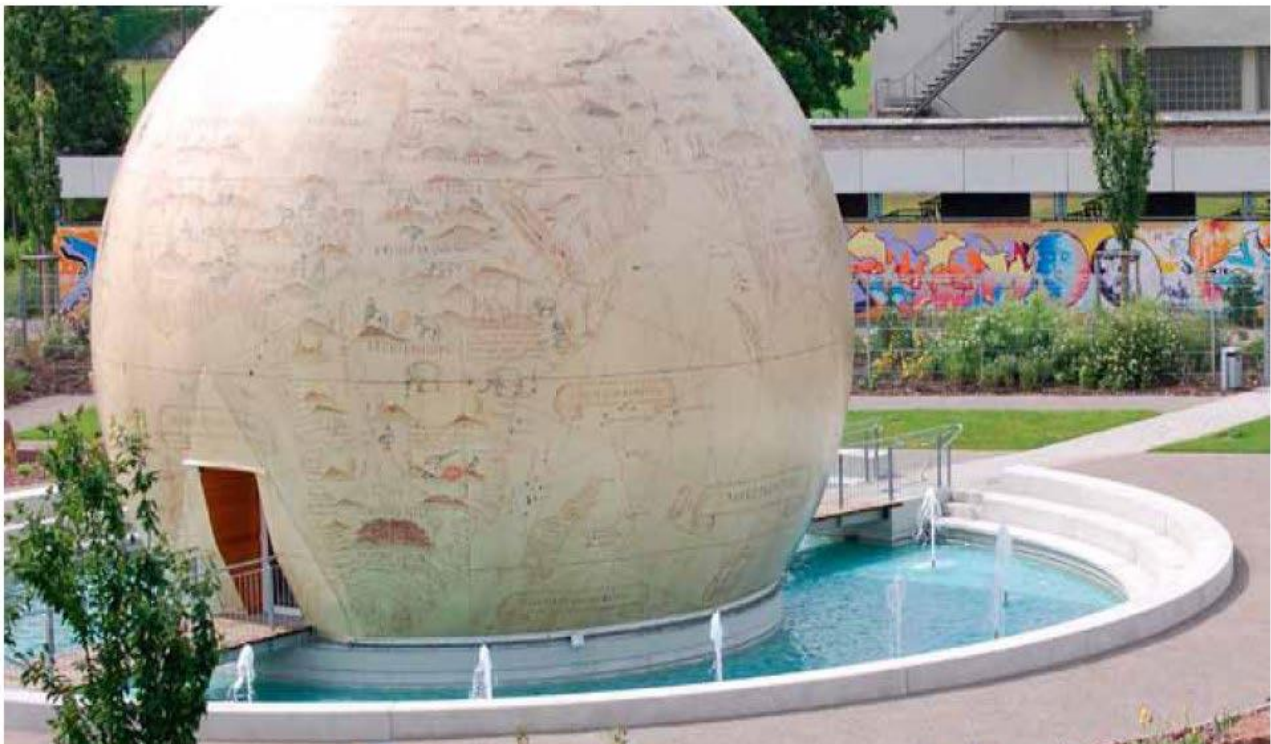


Case Study

Project/customer name:	Fountain Mercateum
Year of application:	2007
Location/country:	Königsbrunn / Germany
Building type:	Fountain
Authorized contractor:	n/n
Additional project details:	Waterproofing in standing water

General view:



Challenge:

- Joints between asphalt areas on the concrete grounds and walls had to be connected without being influenced by ponding water.
- Requirement of homogeneous integration of details and joints into sealing work without the influence by weather and therefore fast curing.
- It must be possible to choose color designs.



Solution:

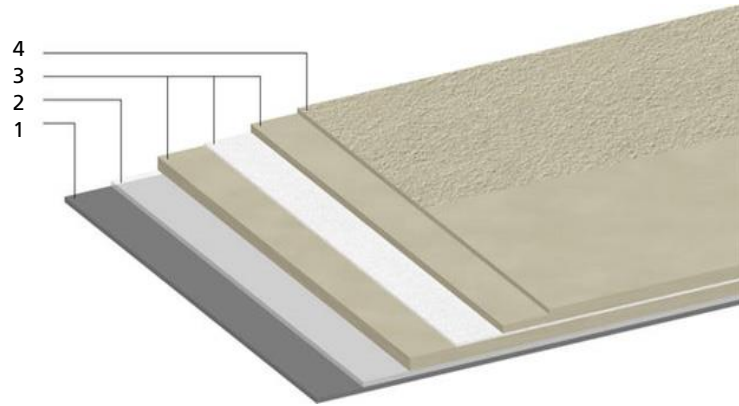
- The waterproofing was done with Triflex ProTect. Its resistance to alkali and hydrolysis ensures that there are no problems by ponding water.
- The fast curing time of 30 minutes is very advantageous concerning weather influences during the work.
- There is a big choice of finishing colors.



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)