

## Case Study

Project/customer name:	Refurbishment of logistics center
Year of application:	2010
Location/country:	Teresin / Poland
Building type:	Logistics Center
Authorized contractor:	PHU Dekpo
Additional project details:	Sealing a 526 m long rainwater gutter including 1,780 standing seams.

General view:



## Challenge:

- Despite previous renovation with SBS bitumen membranes, water entered the warehouse during heavy rain.
- A solution was therefore sought that would offer permanent protection of the building structure against water ingress and moisture,
- The product had to have a particularly good adhesion on the transition from metal to bitumen in order to guarantee the reliable sealing of the gutter and standing seams.



## Solution:

- Triflex ProDetail was chosen, because the PMMA based product has a working life of 25 years (ETAG 005) and therefore is a proven long-term solution.
- Triflex ProDetail is liquid applied and adheres perfectly to complex structures as in this case.

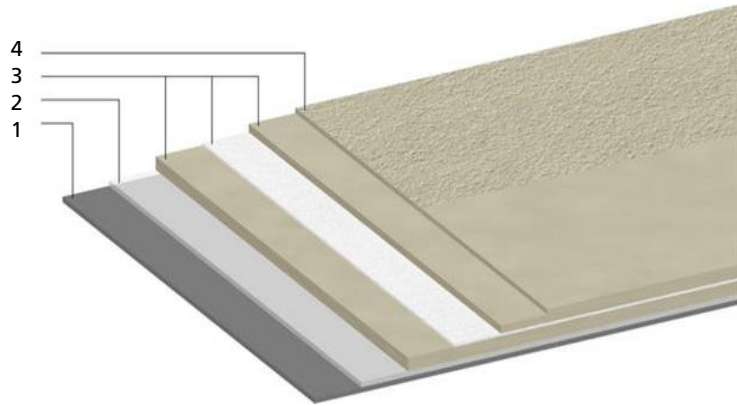


## Products used at a glance:

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/m<sup>2</sup> = 325 days)
- Easy to impose loads after application (for particular demands as green roofs)