

Case Study

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| Project/customer name: | Asda shop, Frome |
| Year of application: | n/n |
| Location/country: | Somerset / UK |
| Building type: | Store building |
| Authorized contractor: | Rateavon Ltd. |
| Additional project details: | Task: Overlay of single-ply membrane |

General view:



Challenge:

- The ASDA store had been experiencing severe water ingress to areas holding perishable stock for a number of years.
- The existing single-ply membrane had reached the end of its serviceable life and there were high levels of blistering coupled with splits to the membrane at lap joints.
- Additionally, during periods of heavier rainfall, the roof experienced levels standing water and the single ply was starting to show evidence of degradation.



Solution:

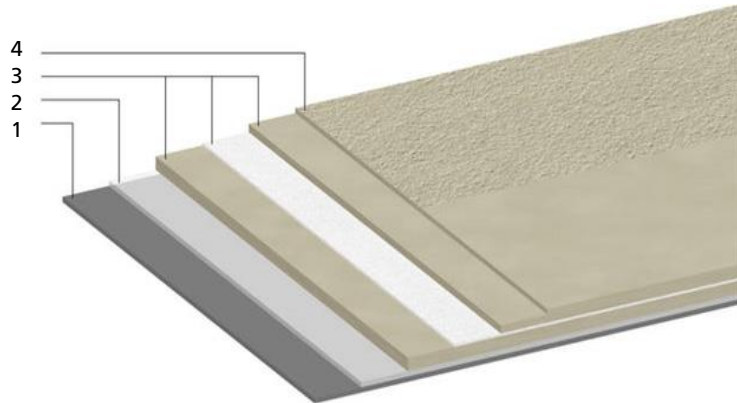
- After testing of the failing single-ply, Triflex ProTest was specified to overlay the membrane
- Due to fast curing time, works were carried out within an extremely short time-scale and weather windows optimized
- Triflex ProDetail was used to the support plinths and in complex areas, Triflex ProFibre was adopted
- Service walkways were introduced to the completed roof area using a Triflex anti-slip solution in a contrasting Terracotta color



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)