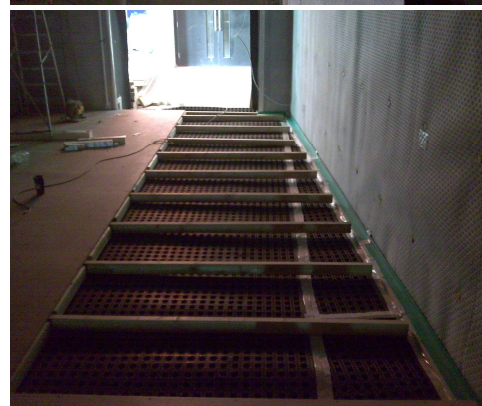
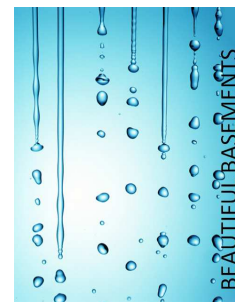


# Case Study

## Structural Waterproofing – Fort Dunlop Birmingham

Client: *Urban Splash Limited*



### *Background:*

Following leaks to the underground bridge link store area Beautiful Basements was commissioned to design and install a remedial waterproofing system to prevent the basement storage areas from flooding. The project proved difficult because the main problem was water seepage from above. The developer had already tried to strip off the layering which hadn't solved the problem because the movement from the structural members was inducing cracking in the layers above.

A combination of cementitious (type A) waterproofing systems and cavity drainage membrane (CDM - type B) waterproofing was used.

A specially designed curtain hung membrane was applied to the soffit in the offices for additional protection from water ingress.

The space is now fully utilised by administration and post rooms for Fort Dunlop and has remained completely dry for the past 6 years.