

WESTERN SUBURBS CASCADES

April Showers Waterproofing was called on for help when the two main tenants of a western suburbs shopping mall ceased paying rent because of the ongoing intrusion of water from their ceilings.

The supermarket and pharmacy were inundated in every rain event because of defective expansion joint sealing.

Ceiling linings were collapsing into aisles and onto the fixtures in the pharmacy containing, among other items, incontinence pads. Shoppers had to steer their trolleys around large "wheelie" bins that were placed under the leaks.

Three waterproofing "experts" had attempted to fix the problems plaguing this three-year-old complex; the builder may as well have thrown his money in the gutter and watch it float away.

April Showers Waterproofing got the call for help! We focused on the expansion joint sealing and within two hours had identified the cause and extent of the problem. It was simple. Cement bags and silicone cannot form a seal in an expansion joint varying from 15mm to 40mm in width.

April Showers submitted a schedule of work that included the stripping, cleaning, dressing and sealing of the joints before our tilers restored the finishes to original. Part of this scheduling was to include liaising with the tenants to allay their fears of future problems.

The following photographs will explain the steps in the work schedule.



9018-7900

APRIL SHOWERS WATERPROOFING
PTY LTD. ABN 99 002 839 670
BUILDERS LICENCE 96002C

WATERPROOFING

INTERNAL WET AREAS

.....

BALCONY DECK
WATERPROOFING

.....

FLAT ROOF MEMBRANE
APPLICATIONS

.....

PLANTER BOX
WATERPROOFING

.....

RETAINING WALL
WATERPROOFING

.....

REMEDIAL BUILDING WORK

DAMP-COURSE RENEWAL

.....

FLASHING RENEWAL

.....

TILE RENEWAL

.....

STRUCTURAL REPAIRS

.....

BATHROOM RENOVATIONS

.....

LEAKING SHOWER
REPAIRS

CONSULTING SERVICES



Master Builders Association (NSW)
Waterproofing Technical
Committee Member

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CUSTOMERS NEED RAIN COATS



BUILT IN WINDOW WASHERS



THE BLOB? NO, IT'S SUPPOSED TO BE WATERPROOFING



EXCAVATION AND CLEAN UP



CEILING PATCHED BEFORE
EVENTUALLY IT FELL DOWN AGAIN



NEW PATCHES
NEW WATER LEAKS SHOWING



AND UNDER THE BLOB
THE CONSTRUCTION JOINT



PROFILING AND CUTTING TO SIZE



HEAT WELDING THE PVC TOGETHER



PROPER MEMBRANE TERMINATION REPLACES THE BLOB



FLOOD TESTING WITH DYE WHEN PRACTICAL. "NO LEAKS"



**PVC MEMBRANE INSTALLED
DETAIL WELDING NEXT**



**HEAT WELDING THE PVC MEMBRANE
TOGETHER COMPLETED**



**THE EXPANSION JOINT COVER PLATE
IS BOLTED BACK IN POSITION**



**WE HAD TO CONTINUE DOWN THE STEPS
TO FOLLOW THE CONSTRUCTION JOINT**



**HOT AIR WELDING THE MEMBRANE
PARTS TOGETHER**



**STAGE 2
THE EXCAVATION**



**WE ADDED A DRAINAGE CELL
NEXT TO THE FINISHED MEMBRANE AREAS**



**EXTENDING OUT TO THE
MIDDLE OF THE PODIUM**



**STAGE 2
IN FRONT OF THE P.O. BOXES**



P.O. BOX SECTION FINISHED



**GETTING CLOSE TO THE
END OF OUR WORK**



Here is a **WARNING** for the builder, this is a 150mm stormwater pipe. The strata layers are a job time line, the buildup blocked 2/3rds of the drainage system .

