

HEALTH HAZARDS OVERCOME IN AGED CARE FACILITY

April Showers Waterproofing was recently commissioned to detail and repair damage to bathrooms in two aged care facilities that had damage occurring due to failed waterproofing installations.

The high care nursing homes were only two years old when problems became visible, these problems included:

- Shower seats falling from walls
- Steel door jambs starting to rust
- Free water evident outside the bathrooms
- Vinyl floor covering outside bathrooms starting to blister
- Mould developed on areas outside and inside the bathrooms
- Musty odour in some of the wards
- Visible water damage to plasterboard wall linings in the wards as well as the corridors

Urgent action was necessary to remove the risk of slip hazards and health problems arising from the mould spores.

A construction program was planned for the renovation of all bathrooms.

The decision to use vinyl floor coverings in the renovated bathrooms meant a different approach to the wall/floor junction had to be detailed.

Also the decision was taken to replace the tiled 10mm plasterboard wall sheeting up to the dado line where an existing decorative ceramic frieze tile was to be preserved. The new installation had to be detailed to accommodate the use of a wall sheeting of differing material and thickness.

April Showers Waterproofing detailed and installed a seamless restoration that overcame all of the issues raised. The original finishes were replicated and the waterproof installation will be maintenance free for many years to come.

The following diagrams outline the repair procedures taken in a total of over one hundred bathrooms in the two aged care facilities.

April Showers Waterproofing would like to thank the staff and residents for their cooperation during construction.



9018-7900

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

WATERPROOFING

INTERNAL WET AREAS

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BALCONY DECK
WATERPROOFING

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FLAT ROOF MEMBRANE
APPLICATIONS

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PLANTER BOX
WATERPROOFING

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RETAINING WALL
WATERPROOFING

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REMEDIAL BUILDING WORK

DAMP-COURSE RENEWAL

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FLASHING RENEWAL

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TILE RENEWAL

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STRUCTURAL REPAIRS

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BATHROOM RENOVATIONS

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LEAKING SHOWER
REPAIRS

CONSULTING SERVICES



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1 OF 33 BATHROOMS



ESCAPING WATER BREAKS
DOWN THE VINYL ADHESIVE



ACRYLIC MEMBRANE



NAIL THROUGH WATER SERVICE



NO WATERPROOFING ONTO
THE WATER STOP



CORRODED STEEL DOOR JAMBS



BREAKING UP THE FLOOR TILES



PVC BEND NOT GLUED





REMOVING ROTTED TIMBERS



TIMBER REPLACED AND WALLS REINFORCED



CREATING NEW FALLS IN THE SUBSTRATE



APPLYING A MODIFIED CEMENT SCREED TO SMOOTH OUT THE FLOOR



INSTALLING THE NEW SHEET PVC MEMBRANE & S/S "Z" FLASHING



FLOOD TESTING OUR WORK



SLIP SHEET & REINFORCING MESH INSTALLED



NEW TOPPING WITH 1:60 GRADE TO NEW FLOOR WASTE



✓ WALLS RELINED WITH PENETRATIONS & JUNCTIONS SEALED



✓ GROUTING FINISHED WITH VERTICAL JUNCTIONS TO BE CAULKED



✓ VINYL FLOOR COVERING INSTALLED



✓ NEW PAN IS INSTALLED



✓ WALLS ARE TILED FROM THE BORDER DOWN TO THE "Z" FLASHING



✓ LEVELLING TOPPING APPLIED FOR VINYL FLOOR COVER



✓ PC ITEMS REINSTALLED IN THE ORIGINAL POSITIONS



✓ A GOOD CLEAN & THIS BATHROOM IS RECOMMISSIONED

