

## MAKING A SILK STOCKING FROM A SOWS EAR

The High Care Nursing Home was only two years old when problems became visible, these problems included:

- Fold down seats fell from walls
- Steel door jambs started to rust
- Free water was evident outside the bathrooms
- Vinyl floor covering started 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

The problem became a health risk for the Elderly Residents and urgent action would be required before any person sustained injuries resulting from slip and fall or illness from the mould spores.

After many site meetings it was agreed that the bathrooms would need extensive repairs to bring them back to a healthy condition.

A number of problems arose, one being, the decision to use vinyl flooring instead of ceramic floor tiles in the bathroom, it would be difficult to make a waterproof junction between the top of the vinyl and the wall tiles.

The original walls were lined with 10mm thick wet area plasterboard, given that the walls were only to be repaired to the border tile height. This would mean a thickness variation of 4mm at the junction of new tile and border tile.

April Showers Waterproofing designed a repair system that would overcome all of the issues raised, resulting in an aesthetical pleasing bathroom as well as the areas being totally watertight and maintenance free for many years to come.

The following diagrams were submitted by April Showers Waterproofing outlining the procedures we would take in carrying out the 33 required repairs in the South Coast Nursing Home.

The same procedures were adopted and used in the repair of 74 bathrooms in a Nursing Home on the mid North Coast.

April Showers Waterproofing would like to thank the Head of Nursing, her Staff and the Elderly Residents for their cooperation whilst the work was being carried out.



**APRIL**  
**BUILDING SOLUTIONS**

**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

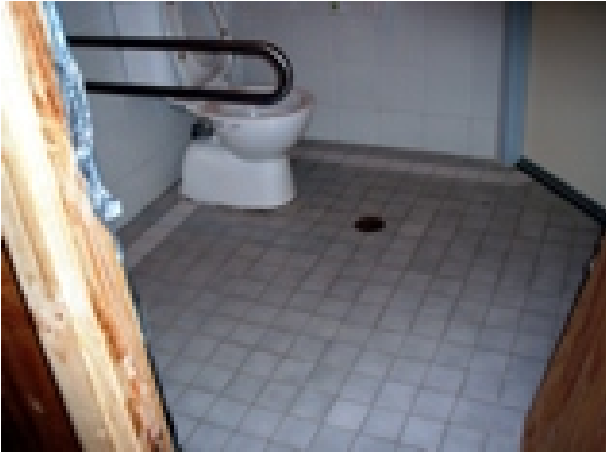
### CONSULTING SERVICES



Master Builders Association (NSW)  
Waterproofing Technical  
Committee Member

**MANUFACTURING & OFFICE**  
19 Stubbs Street, Auburn NSW 2144  
Tel: (02) 9018 7900 Fax: (02) 9018 7906  
Website: [www.aprilshowers.net](http://www.aprilshowers.net)  
Email: [info@aprilshowers.net](mailto:info@aprilshowers.net)

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**



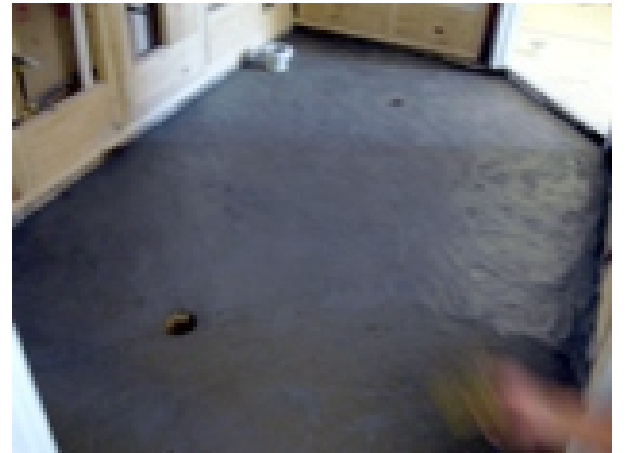
**TIMBER REPLACED AND WALLS REINFORCED**



**CREATING NEW FALLS IN THE SUBSTRATE**



**APPLYING A MODIFIED CEMENT SCREED TO SMOOTH OUT THE FLOOR**



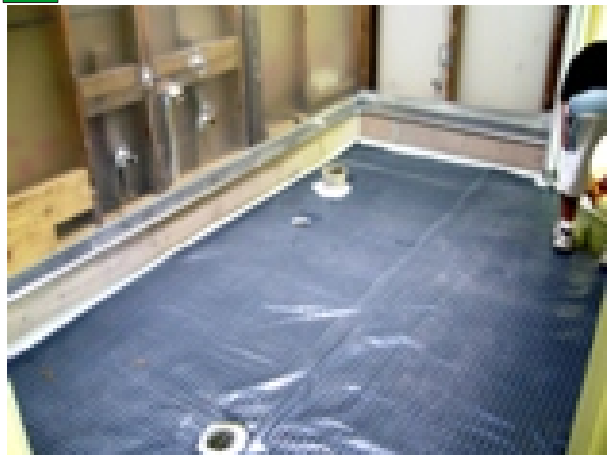
**INSTALLING THE NEW SHEET PVC MEMBRANE & S/S "Z" FLASHING**



**FLOOD TESTING OUR WORK**



**SLIP SHEET & REINFORCING MESH INSTALLED**



**NEW TOPPING WITH 1:60 GRADE TO NEW FLOOR WASTE**



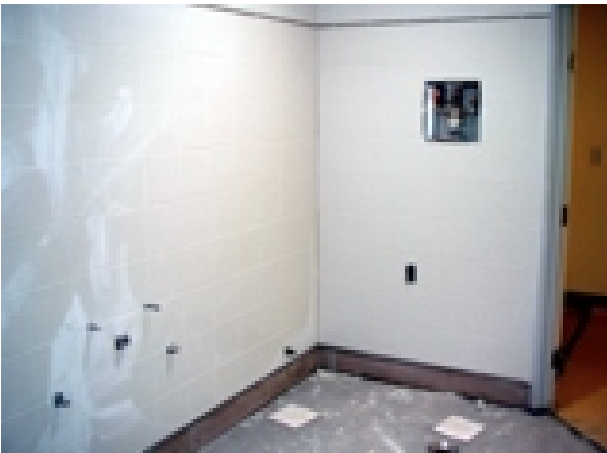
**✓ WALLS RELINED WITH PENETRATIONS & JUNCTIONS SEALED**



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



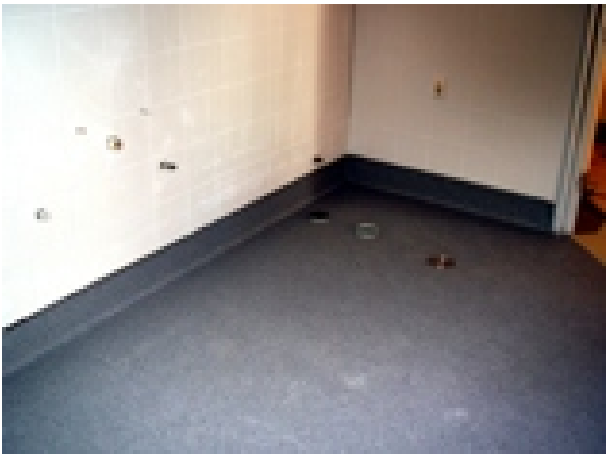
**✓ GROUTING FINISHED WITH VERTICAL JUNCTIONS TO BE CAULKED**



**✓ LEVELLING TOPPING APPLIED FOR VINYL FLOOR COVER**



**✓ VINYL FLOOR COVERING INSTALLED**



**✓ PC ITEMS REINSTALLED IN THE ORIGINAL POSITIONS**



**✓ NEW PAN IS INSTALLED**



**✓ A GOOD CLEAN & THIS BATHROOM IS RECOMMISSIONED**

