

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
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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

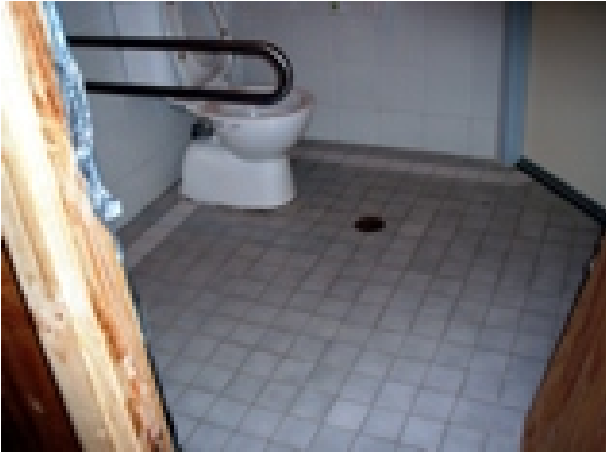
CONSULTING SERVICES



Master Builders Association (NSW)
Waterproofing Technical
Committee Member

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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



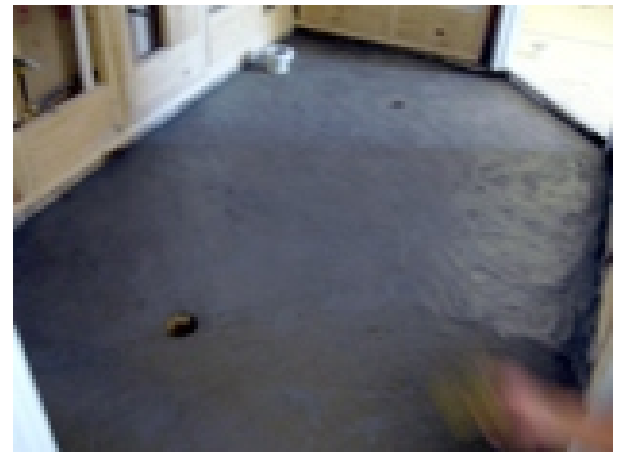
TIMBER REPLACED AND WALLS REINFORCED



CREATING NEW FALLS IN THE SUBSTRATE



APPLYING A MODIFIED CEMENT SCREED TO SMOOTH OUT THE FLOOR



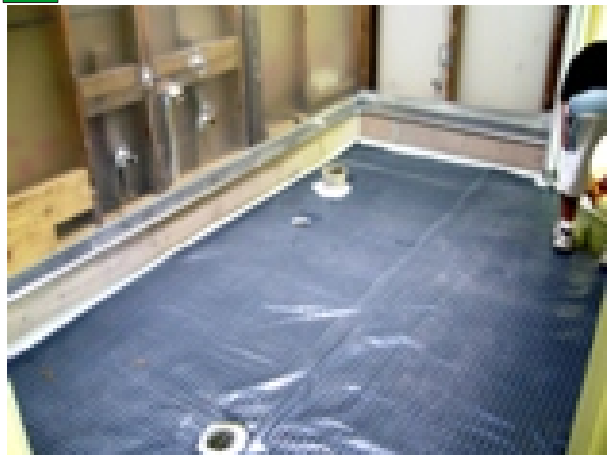
INSTALLING THE NEW SHEET PVC MEMBRANE & S/S "Z" FLASHING



FLOOD TESTING OUR WORK



SLIP SHEET & REINFORCING MESH INSTALLED



NEW TOPPING WITH 1:60 GRADE TO NEW FLOOR WASTE



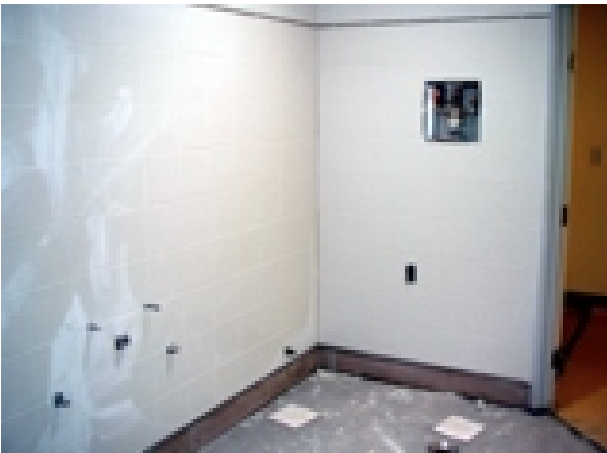
✓ WALLS RELINED WITH PENETRATIONS & JUNCTIONS SEALED



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



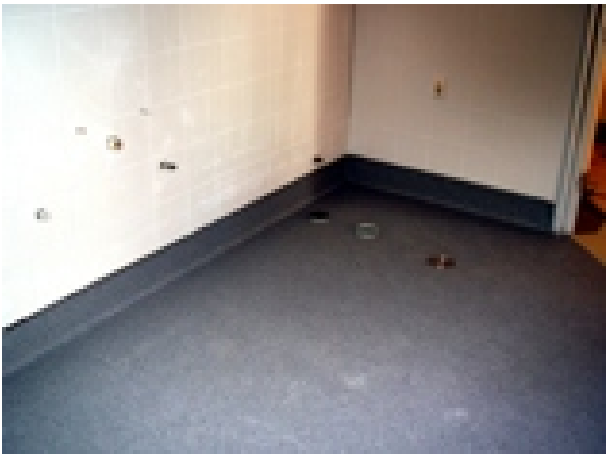
✓ GROUTING FINISHED WITH VERTICAL JUNCTIONS TO BE CAULKED



✓ 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

