

CURE FOR WATERFRONTAGE UNDER WATER

April Showers Waterproofing carried out waterfront rectification under instructions from the Office of Fair Trading on this home converted from an old boatshed.

When this old boatshed was converted to a dwelling with an extra bedroom wing added, the builder missed the point that houses should be drier than boatsheds!

The boatshed was slab-on-ground with solid masonry walls and a gable roof.

By removing the roof and replacing it with a slab, a very pleasant deck was created to observe the passing parade of watercraft.

The two storey addition was timber frame with a corrugated colorbond steel roof.

All of these materials have different movement rates and when they interact the stresses at junctions are significant. Waterproofing takes on a critical significance and should be carefully researched. However if the correct membrane and installation details are chosen the end result will always be a long lasting low maintenance outcome.

However, the builder failed in a few key areas, namely:

1. Did not overhang the slab to create a drip edge for the slab, allowing water to run directly into the solid brickwork.
2. Only provided three 20mm drains through the edge hob upstand to drain 35 Sq.M. No overflows were fitted.
3. Failed to over-flash the timber lining boards of the two storey addition onto the deck.
4. Provided no sill flashing of the access door onto the deck.
5. Carried out his own waterproofing. His claim for a variation for the waterproofing established that he bought enough resin for 25% of the recommended coverage for one coat. The recommendations from the manufacturer's Data Sheet specify a primer, and two coats. The builder applied no primer. The builder applied no reinforcing at upturns and/or joints.

Follow on:-

Nicholson



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

MANUFACTURING & OFFICE
19 Stubbs Street, Auburn NSW 2144
Tel: (02) 9018 7900 Fax: (02) 9018 7905
Website: www.aprilshowers.net
Email: info@aprilshowers.net

WATER LEAKS ALWAYS LEAVE A TRAIL



COMBINATIONS OF BUILDING MATERIALS



THE TIMBER CLADDING WAS STRIPPED TO INSTALL THE PVC MEMBRANE



STAINLESS THREADED RODS INSTALLED



ANOTHER AREA OF DAMAGE



STRIPPING OFF TO START AGAIN



THE SLAB WAS GROUND SMOOTH & PVC MEMBRANE INSTALLED TO THE EDGES



We are different in the way we approach work methods, on the left we chemically anchored the stainless steel threaded rods into the concrete slab and then sealed them to the PVC membrane. We then drilled holes through the individual bricks, slid them over the rods and chemically bonded them in position, the holes through the bricks were then filled with epoxy resin. The result was a structurally stable hob edge the once tiled would support the new balustrade..

WE REMOVED THE DOOR FRAME SO THAT WE COULD TERMINATE THE PVC MEMBRANE BEHIND THE SILL



WHILE THE CEMENT TILE SCREED WAS CURING WE RENEWED THE DAMAGED CEILINGS



PATCHING SMALLER WATER DAMAGED AREAS



NEWLY TILED AND GROUDED



ANOTHER COMPLETED JOB



IT WOULD BE SO MUCH EASIER TO DO IT RIGHT THE FIRST TIME