



THE REMEDIAL BUILDERS Pty Ltd

We build by your trust

ACN: 160 847 736
ABN: 34 160 847 736
Licence No 283896C

Quotation form Remedial builders Pty Ltd

Sample quote for Cavity wall waterproofing work.

Waterproofing cavity walls is an essential process to prevent dampness and water leakage in buildings. The specific building codes and methods for waterproofing may vary depending on the region and local regulations. However, I can provide you with some general guidance on cavity wall waterproofing methods that are commonly used and recommended:

Building Codes and Regulations: Before undertaking any waterproofing work, it is crucial to consult local building codes, regulations, and standards related to cavity wall waterproofing. These codes will provide specific requirements, guidelines, and permissible materials for the waterproofing process.

Defect: Cavity wall waterproofing

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Specialised in: Building Defect & Maintenance work:

WATERPROOFING : Concrete Roof, Cavity wall, Balcony, Basement.
MOVEMENT: Heli-fix Crack repairs; External / Internal walls
ROOF: Structural repairs and Roof leaking work.

Concrete cancer / Shop Fitting / Bathroom Renovation / TILE / PAINT / Rendering / “Complex sound-under layer”

QUOTE FOR INSURANCE CLAIM LODGEMENT
BUILDERS / ENGINEERS DEFECT REPORT
BUILDING PRE-PURCHASE INSPECTION

<https://theremedialbuilders.com.au> / Andy kim(Builder) 0433 379 576



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Defect: Cavity wall waterproofing

Engineer's RHM Ref: 09-2365 2022-05-09 ENG RPT BGH

3.0 COMMENTS AND RECOMMENDATIONS

3.1 Bedroom 1 dampness

3.1.1 We identified areas of dampness within the built-in-robe of bedroom 1. The affected area appeared limited to floor in the middle of the robe. There was no visible mould or water staining within the bedroom at the time of the inspection.

3.1.2 Generally, we attribute the dampness to an isolated failure of the cavity flashing in the western wall. This has likely been exacerbated by the southerly aspect and shading of the unit that would predispose it to condensation and mould growth.

3.1.3 It is also acknowledged that any water penetration from the bathroom above would increase dampness within the affected unit.

3.1.4 We recommend that isolated sections of brickwork are removed from the exterior of the western wall and the cavity flashing repaired / replaced as required before reinstating the brickwork to match the existing.





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Remedial builders were visited the site to Inspected area. (21st July 23)
Our recommendation is also cavity flashing and weep-hole matter too.

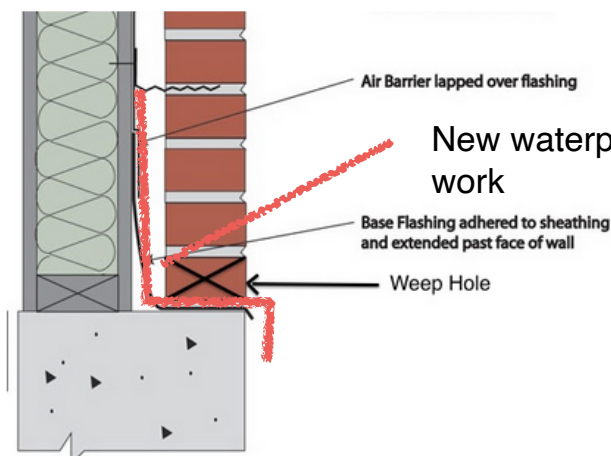
Remedial solution:

Waterproofing the area by bitumen membrane in 2 layer is more effective to keep dampness on internal bedroom wall/floor. (We have been test it at multiple areas / improved the dryness so much)

After waterproofing work applied a “Aluminium flashing” material is no longer required at this area. New waterproofing will function as flashing.

Create new weep-hole system as draining purpose every 1m length.

Warranty 6 years. It could be permanently protected by design upgrades.



Cavity Wall Construction: Cavity walls are typically composed of two layers of masonry with a gap (cavity) in between. The gap is essential for drainage and ventilation. The waterproofing process should take into consideration the proper construction and maintenance of the cavity wall.

Weather Barriers: Install weather barriers on the exterior face of the cavity wall. Weather barriers, like building wraps or waterproof membranes, provide an additional layer of protection against moisture infiltration.

Flashing and Weep Holes: Properly install flashing at vulnerable areas, such as window and door openings, to direct water away from the cavity. Weep holes should be provided at the bottom of the cavity wall to allow water to drain out.

Cavity Drainage System: Consider using a cavity drainage system as part of the waterproofing strategy. This system involves installing drainage channels or pipes within the cavity to collect and channel water away from the building.

Waterproofing Membranes: Use waterproofing membranes designed specifically for cavity walls. These membranes can be applied to the inner face of the external leaf of the cavity wall to prevent water from penetrating into the building.

Waterproofing Coatings: Waterproofing coatings can also be applied to the outer masonry surface of the cavity wall to provide an additional layer of protection against water infiltration.

Regular Maintenance: Even with proper waterproofing measures, regular maintenance is crucial. Periodically inspect the cavity wall for any signs of damage or deterioration and address them promptly.



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Access: Set up the mobile scaffold / cost included total sum (up to project completed)



NOTE:

- It is hard to re-use existing bricks and will supply the similar patten and colour of new bricks to use.
- Use cavity Jack to support the structural during the work !
- It need to open 1 - 2 course of brick (6m long) and installing new waterproof membrane and weep-holes(every 1m width) to drain.

Cost plan: \$7,650 + GST, 5 days progress included access cost.

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Commitment

We look forward to your positive response to our quotation and would like to take the opportunity to assure you that we will commit ourselves to completing your Project on time, on Budget and to the highest standard of quality and finish. If we can assist you in anyway further to answer a question or query, please don't hesitate to contact the undersigned. We will call you shortly to follow up on the progress of the Quotation.

Kind regards,

Andy Kim

Remedial Builder Andy Kim / Building contractor 246037C

E andykimbuilder@gmail.com **M** +0433 379 576