

# Corporate Profile



# R&BS

**ROOF & BUILDING SERVICE**  
Experience. Excellence. Endurance.

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## Our Services at a Glance...

We provide a comprehensive range of repair, maintenance and waterproofing services for all types of buildings and roofs. From the structural rehabilitation of a high-rise apartment complex to the removal and installation of a waterproof membrane on a concrete hospital roof — and everything in between — R&BS is committed to providing you with the best possible solution.

Tiled Roof Repairs

Expansion Joints

Concrete Spalling Repair

Flashing

Building Facade  
Waterproofing

External  
Window Sealing

Facade Rendering

Landscape Waterproofing



# AT A GLANCE

Metal Roof  
Penetration Sealing

External Waterproofing  
Membrane Replacement

Metal Roof Repair  
& Maintenance

Metal Roof Flashing  
Seal & Repair

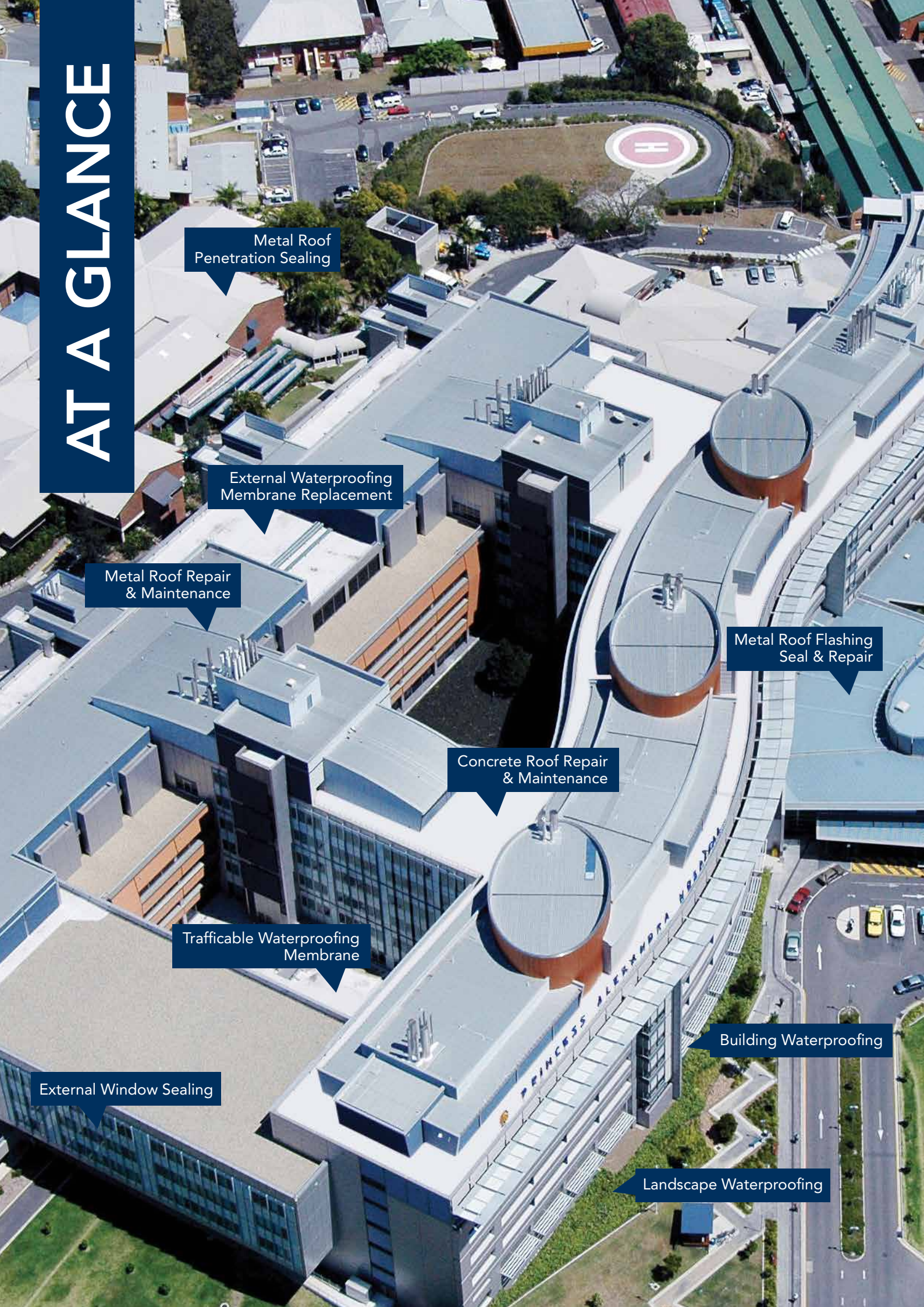
Concrete Roof Repair  
& Maintenance

Trafficable Waterproofing  
Membrane

External Window Sealing

Building Waterproofing

Landscape Waterproofing





# WARRANTY

## The Right Way to Protect Your Investment

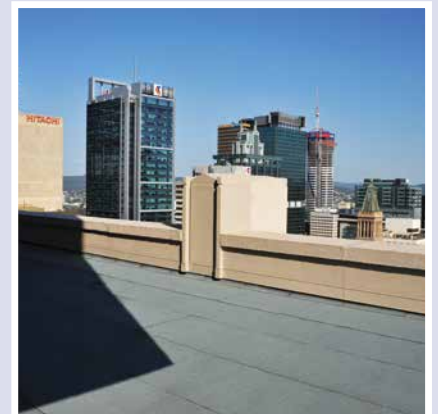
Over time Australia's harsh sun and climatic environment will take a heavy toll on your building.

Fortunately, Roof & Building Service has an absolute commitment to providing enduring building rehabilitation solutions to our clients through a combination of experience and excellence. This commitment to you means that with regular inspections by R&BS, and building maintenance as required, you can considerably extend the life of your building.

With over 85 years maintaining commercial, industrial and historical buildings, our experience is your guarantee for strength and longevity of workmanship, backed by a comprehensive consumer warranty.

Furthermore, to ensure that your building will benefit from R&BS' expertise, we back our service with superior advanced technological product and a team of trade experts.

- Quality Assured
- QLD & NSW licensed contractor
- Over 85 years experience guarantees quality workmanship
- Commercial, industrial & historical buildings
- Inspections & appraisals





## Drawing on over 85 Years of Experience

Roof & Building Service (R&BS) has been an industry leader in external building rehabilitation since 1928. We perform high quality work throughout the whole of Australia.

We specialise in hospitals, universities, industrial facilities, high-rise buildings, commercial structures, and residential apartment complexes. Our wide scope of work includes roofing repair & maintenance, waterproofing, concrete restoration, expansion joints, protective coatings and many other aspects of external building rehabilitation.

## Committed to Excellence

Our reputation, earned over 85 years, is one of quality, expertise and trust. When you engage us to carry out your job, you can be sure that we are committed to our brand promise of: "Experience. Excellence. Endurance."

We conduct ourselves in a professional manner at all times. Professionalism on-site extends from management to our most junior employee, and is evident from the beginning to the end of every project.

We strive to maintain a positive relationship with you and to deliver a successful outcome for your project. Any issues that may arise on-site are immediately addressed by the project supervisor, and all work areas are maintained in a clean and safe condition to ensure the safety of the occupants, the public and the R&BS team.

## Exceeding Your Needs and Expectations

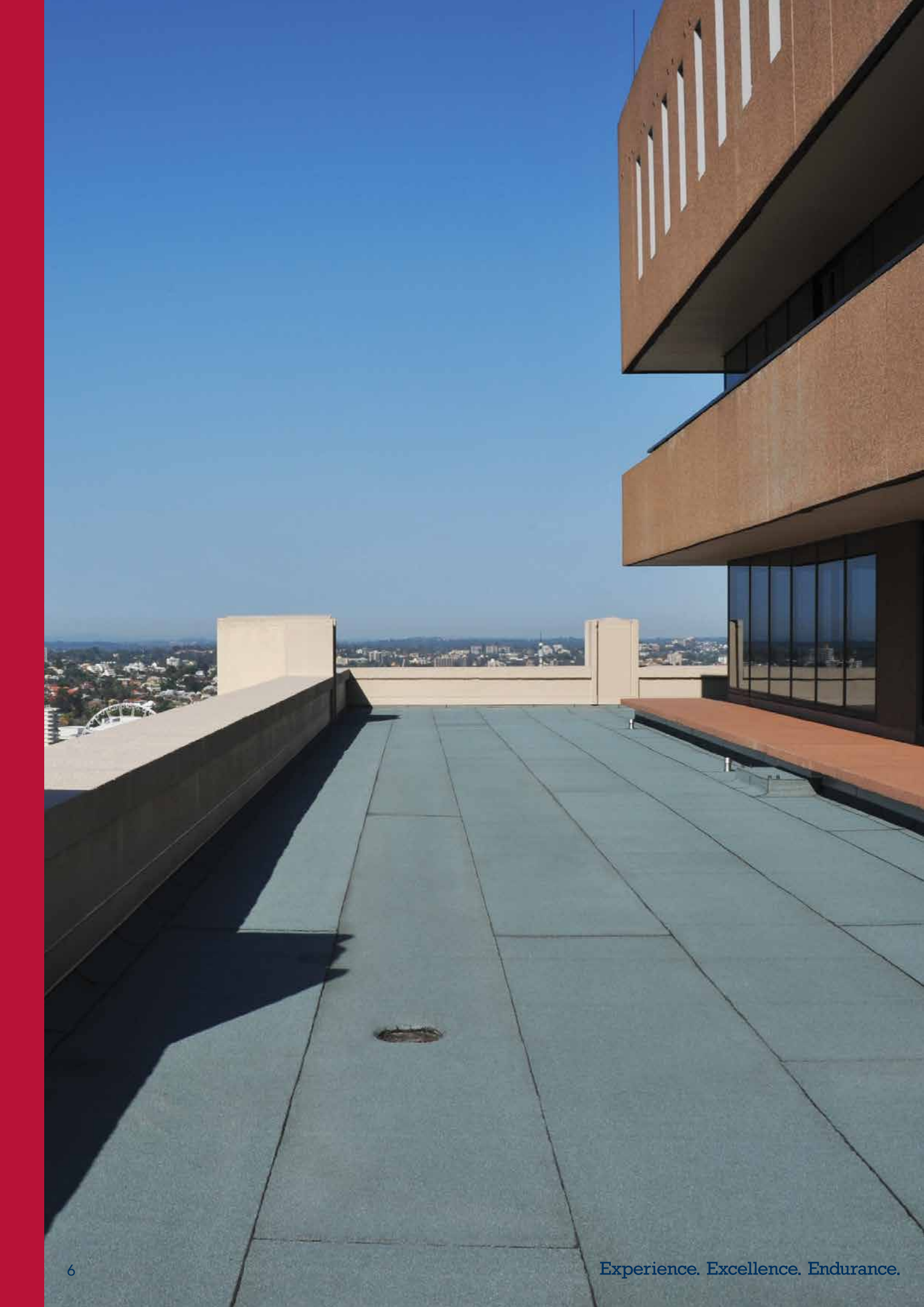
Roof & Building Service is committed to anticipating and exceeding your needs. We use the highest quality products available, and will continue to develop and seek out new products and services to help us provide the best solutions to your needs. Our cooperative spirit and dedication to excellence are the foundation of our commitment to serving you well.

We exceed Australian industry standards by implementing the following third party certified systems:

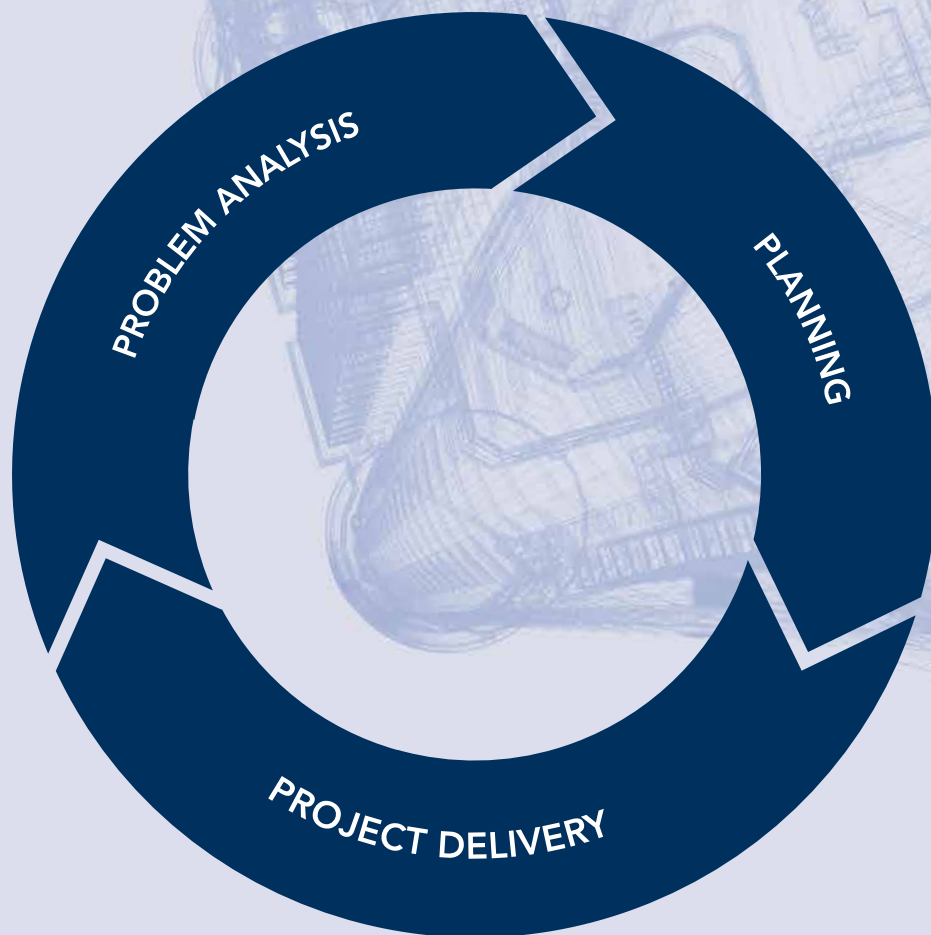
- Workplace health & safety
- Quality Assurance
- Environmental

This ensures that every job is carried out to the very highest specifications.





# OUR PROCESS



## The Three P's

At R&BS, we aim to provide you with the best possible service. We apply the Three P's to every job we undertake — so you know that when you contract us, we'll be dedicated to carrying out your job in an accurate, timely and professional manner.

### Problem Analysis

Professional analysis is necessary so that the causes of the problem — not merely the most obvious symptoms — can be clearly identified. This analysis sets the stage for development of a cost-effective plan to correct the problem at its source, eliminating the recurrence of any issues.

### Planning

Once the source of the problem has been identified, the next step is to develop an effective plan to correct its source and effects. Such planning requires a thorough understanding of engineering, architecture and construction practices, and of the most effective repair methods and materials.

At Roof & Building Service we detail our cost-effective written plan to minimise outlay, downtime and interference to the normal functions within and around the structure.

### Project Delivery

Our crew of trained technicians carry out the physical repair or rehabilitation processes for every job. They ensure each function is accomplished in accordance with recommendations and the strictest of project specifications. This includes careful mechanical preparation of all surfaces from the outset, right through to meticulous inspection upon completion. It's this attention to detail and relentless adherence to high standards that ensures each process is executed at a level superior to industry norms.







## **Traditional Commercial Roofing Repair and Maintenance**

Without regular roof maintenance, an industrial steel metal roof will oxidise, eventually forming rust. This rust will permeate through the original thin protective layer, causing the roof to leak. The team at Roof & Building Service are experts in roof leak detection — and the rejuvenation of any roof sheeted in steel, aluminium and copper. We seek out and replace ineffective fasteners, flashings and downpipes, and we possess all the right equipment to re-coat, re-seal or, re-colour any industrial sized roof and/or wall.

## **Extending the Life of Metal Roofs and Continuous Box Gutters**

Our extensive experience has shown that roof or box gutter replacement is not necessarily the most cost-effective way of stopping leaks. Almost any leak can be resolved with today's advanced liquid membrane systems that are reinforced with fibreglass. R&BS has found that corrosion is one of the most common leak causes in roofing and gutters, but the other major offender is the deterioration of the flexible sealants used around air-conditioning penetrations, vent collars, and flashings.

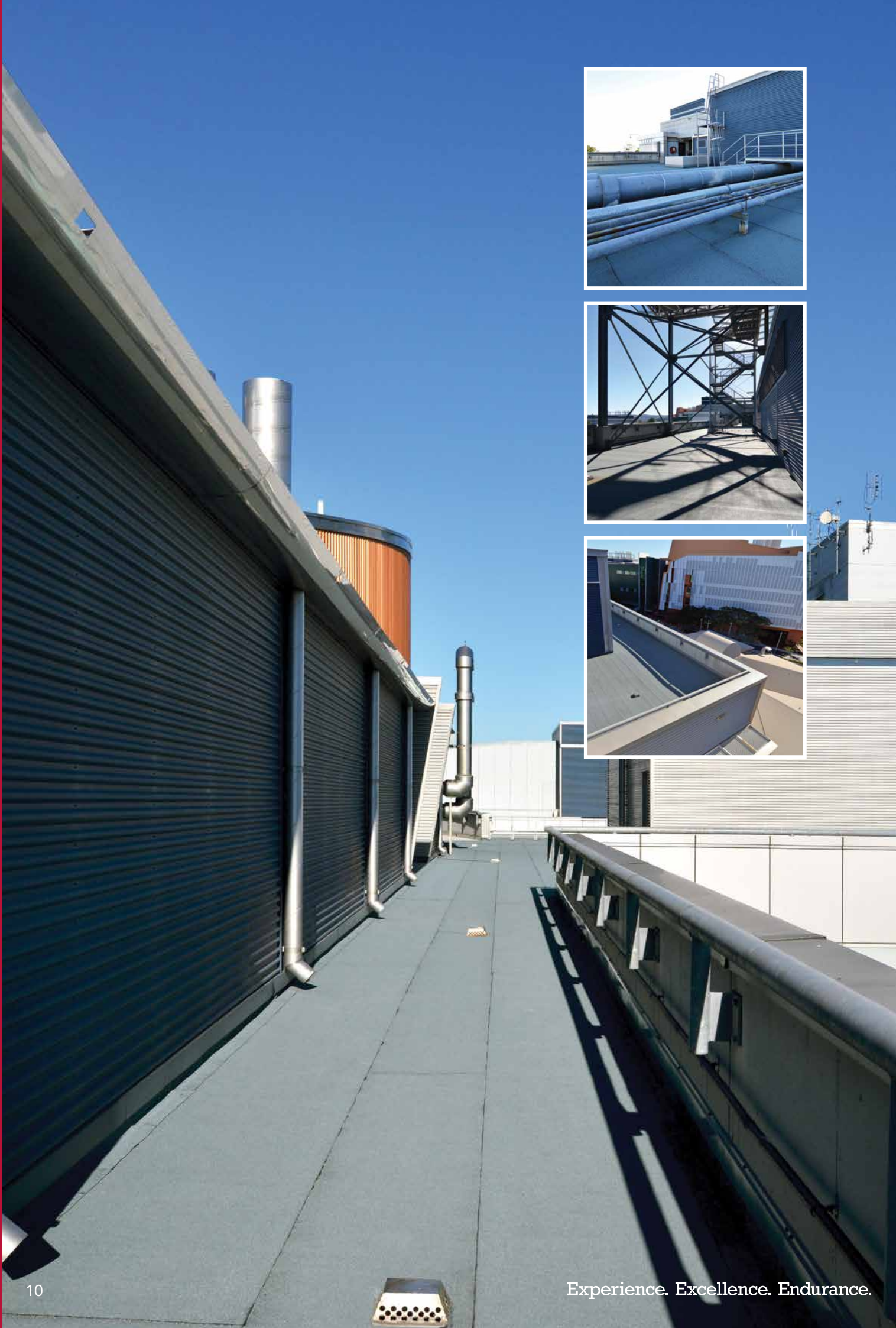
So if you have a leak, don't automatically think replacement. Instead, call the team at Roof & Building Service to diagnose whether the problem can be repaired to extend the life of your roof.

## **Metal Roof Coating Systems**

The application of high quality anti-corrosive primers followed by durable membrane systems is an effective way of extending the life of your metal roof. It will provide an encapsulating and watertight barrier over the existing surface that is resilient to the elements. These membranes can be supplied in a range of decorative colours to enhance the look of your roof area. When applied to metal sheeting, certain technologically advanced membranes form a continuous solar heat rejection substrate. This increases the R-value (the thermal resistance level that re-radiates ultra violet and solar infrared rays) and reduces internal building temperature.

## **Replace or Repair?**

Large commercial buildings with metal roofs often have large areas of plant at the roof level, which provides numerous penetrations of the roofing as well as increased foot traffic from service technicians. This all leads to damage of the roof sheeting and a high potential for water leaks. R&BS is highly experienced in the repair and servicing of these types of roofing applications.





# CONCRETE ROOF REPAIR & MAINTENANCE



## Repairs and Maintenance for Concrete Decks and Rooftops

Climatic conditions can age, dry and shrink older waterproofing materials, causing surface cracks to form. Eventually, as the barrier breaks down, moisture begins to seep into these cracks creating damaging leaks and increasing the possibility of structural damage.

Roof & Building Service offers solutions for engineers and building owners to resolve roof leaks. We focus on thoroughly inspecting your roof, and then planning the most effective waterproofing rectification process, utilising the latest advances in waterproofing technologies.

## Waterproofing — The New Ecological 'Green Roof'

In today's eco-aware times, the Green Roof has become increasingly popular with architects and engineers. Now, utilising the latest advances in waterproofing, the Green Roof has come of age to yield high-performance, eco-friendly waterproofing where required. These hi-tech membranes handle climate-exposed decks and rooftops, sustain vehicle movement, and reflect heat effectively minimising air conditioning costs. And, best of all, you have the scope to choose from a range of textures and colours.

# CONCRETE REPAIR



## Structural Concrete Rehabilitation

Concrete is a strong and very durable material.

However it is also extremely complex, chemically reactive and thermodynamically unstable and can be vulnerable to many external influences.

How it performs – and its longevity – ultimately comes down to factors such as the quality of its ingredients, their precise proportions and how they are prepared, mixed and placed.

Other factors impacting on its strength include environmental conditions, as well as compaction, curing/exposure conditions, and of course the weather.

Yet perhaps the most important factor of all is how well concrete structures are maintained – and that's where Roof & Building Service excels.

## Concrete Cancer

Concrete cancer can take the form of blistering, cracking & crazing, discolouring, curling, delaminating, dusting, low spots, popouts, and scaling – however the worst form of concrete cancer is spalling.

Spalling is a process in which the reinforcing steel within the concrete rusts, corrodes, expands and/or weakens, causing the concrete to break apart.

It is a common issue in coastal environments due to their high carbonation (moisture) and chloride (salt) levels, and in the case of walkways and floor slabs, water erosion.

It regularly affects large residential apartment blocks and can also affect any facility with concrete structures.

Roof & Building Service specialises in projects of this nature, achieving successful completion with a minimum of disturbance to occupants.

**Experience. Excellence. Endurance.**





## Our structural concrete rehabilitation process.

Access to work areas is usually gained by external scaffolding, swing stages, mast climbers or abseilers.

Upon receiving your enquiry, we will undertake a thorough assessment of the cause of deterioration before proposing a course of remediation.

You will also be provided with a detailed written report of our findings.

Using internationally-recognised repair methodology and products, R&BS partners with engineers and architects from the initial investigations of the repairs right through to the final inspections of the completed works.

This ensures that work is carried out to the highest of standards.

Roof & Building Service strongly recommends the repair of spalled concrete when it first appears — not in a few years time.

Early attention will minimise the cost of remediation.

In fact R&BS subscribe to the principle of the Law of Fives, in which the cost of repairs increases exponentially the longer someone waits to have the problem seen to.

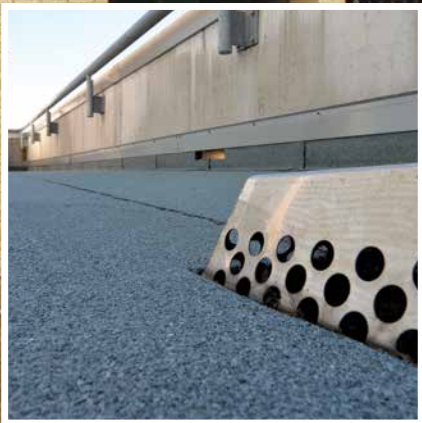


## Precautionary Measures

Concrete cracks, spalling surfaces around balcony railings, or blistering paint are early warnings to seek advice on corrective repair action.

At R&BS, precautionary measures make sound economic sense, as at your request we will investigate the cause of damage and detail the necessary procedures for rejuvenation.









## Waterproofing for Buildings

Modern, high tech buildings can often experience ingress of water from many external areas, such as around windows, expansion joints and movement cracks in walls. Other spaces at risk include internal wet areas such as plant rooms, and catering/ kitchen areas. Roof & Building Service has all the necessary skills to rectify these spaces using a specialised waterproofing system that is designed to provide the essential protection required.

### Subterranean Basements

An acute shortage of street level parking spaces has resulted in numerous car parks being located well below ground level. This in itself has brought about rapid advancement in waterproof systems capable of handling positive groundside hydrostatic water pressure. With this system, water forces up against the waterproofing which has been applied to the groundside of the wall — unlike negative tanking procedures, which are applied to the inside of the basement wall.

Roof & Building Service ensures that all specified waterproofing systems — be they liquid membrane, bituminous sheet membranes, TPO/PVC membranes or cementitious — are applied in the appropriate manner so their durable, impervious barrier bonds soundly when applied to walls and floors.

## Landscape Waterproofing

### A Wide Range of Landscape Waterproofing Services

At R&BS, we provide landscape waterproofing solutions for a variety of areas including planter boxes, podium landscapes, water features and rooftop gardens. We will inspect your structure to advise you about whether a positive or negative waterproofing system is right for you. Our team can organise the entire project from beginning to end — including the removal and relandscaping of the area. Or, if you prefer, once the space has been successfully waterproofed we can hand it over to your preferred landscaper for completion.

### Early Intervention is Highly Recommended

Garden beds contain salts, fertilizers and other chemicals that can be extremely corrosive. When your landscaped area begins to leak, it can have a very serious effect on the structural integrity of the reinforcing steel in the concrete slabs — which is why we always recommend an early intervention. This prevents any further damage being done, and saves you from carrying out larger, more complicated waterproofing and structural concrete repairs in the future.



# TILED ROOF REPAIR & MAINTENANCE



## Tile Roofing — Repair and Pointing

When it comes to the restoration of large tiled roof areas, you know it's a job for Roof & Building Service. We are widely recognised as leaders in restoring terracotta and concrete tiled roofs to their former glory. To safeguard against unwanted water damage, have R&BS check your roof for broken and loose tiles, and damaged flashing. It's also extremely important to have the pointing checked and rectified on the ridge capping.

## Our Services...

- Pressure cleaning of small and large areas of tiled roofing with specialised machinery
- Replacement of any chipped or broken tiles
- Installation of new flashings, sarking membranes and valley gutters
- Rebedding and repointing of ridge caps
- Resealing of terracotta tiles with clear penetrative coatings
- Sealing and coating of concrete tiles with protective and decorative acrylic coatings



## Facade Restoration

### Facade Rehabilitation Condition Reports

Building facades have a wide diversity — from low-rise suburban office and warehouse facilities to high-rise, landmark structures. Therefore, the most efficient way of planning the rectification of façade areas is to carry out a comprehensive report detailing its condition. At Roof & Building Service, we believe this assessment is a critical starting point for any facade rehabilitation, in order to identify a realistic scope of work and cost estimate.

### Facade Rendering

Colours add interest to buildings, and one cost effective way to achieve enhanced building vitality is through new technology renders. With today's specially formulated polymers, a building's appearance can be reinvigorated as well as waterproofed.

### Brick Restoration

"Remove the grime and make it look new again" is one of our most asked-for restoration procedures, and that is exactly what we do. No building is too tall or small to apply our expertise in the cleaning and sealing of brickwork, blockwork or render. This also includes the repairing of exposed concrete floor edges, and brick repointing.



## Balcony and Balustrade Repair and Replacement

Often the inspection or replacement of balcony balustrades reveals that there is a serious issue with the structural concrete and render around the supporting posts. This is closely related to concrete spalling, and usually uncovers larger areas of deterioration of the substrate due to prolonged moisture ingress around the post, or reactions between dissimilar materials. Often the balustrade fixing posts are connected to the steel reinforcing in the slab, and this will create issues — with the potential to weaken the structural integrity of the concrete slab when corrosion and spalling occurs.

### From Removal to Replacement

Roof & Building Service works closely with balustrading companies at the time of replacement to identify, report and rectify these issues. We offer to manage the complete project — from the removal and disposing of the existing balustrades to the replacement of the new (including all the structural and cosmetic repairs and painting). We can facilitate the installation of a range of different balustrading materials including powder-coated aluminium, glass infill panels, galvanised and stainless steel rails.

### Comprehensive Assessment

When considering the replacement of balustrading on your building, call R&BS for a comprehensive assessment of the structural concrete around the balustrade fixing points. This will include a proposal that will identify any necessary repair works, as well as setting out the replacement balustrading options that are available for your building. Remember — if cracking and spalling concrete or corrosion is evident around the supporting posts of your balustrading, not only is the chance of balustrade failure and accidental injury increased, but the entry of moisture and the weakening of the support's structural integrity can lead to extensive and costly repairs to the concrete slabs.







Roof & Building Service offers a comprehensive range of structural maintenance services, including:

## Structural Rehabilitation

- Concrete Restoration
- Structural Condition Reports
- Photo Documentation
- Structural Masonry Repair
- Structural Beam Repairs & Beam Load-Strengthening
- Carbon Fibre Reinforcing
- Epoxy & Chemical Grouting
- Expansion Joint Repair, Replacement & Sealing
- Corrosion Evaluation & Mitigation
- Corrosion Management Prevention-Strategies
- Cathodic Protection Systems

## Building Facade Restoration

- Brick & Stone Repair & Sealing
- Balcony/Balustrade Repairs & Replacements
- Surface Preparation/Grit Blasting/High Pressure Cleaning

## Waterproofing

- Membranes – Liquid & Sheet
- TPO/PVC Membranes
- Protective Sealers & Coatings
- Barrier Coating Systems
- Epoxy Injection
- Positive & Negative Waterproofing
- Joint Sealing

## Maintenance

- Metal Roof-Repair & Replacement
- Metal Roof Coating
- Solar Reflective Coatings
- Penetration Sealing
- Box Gutter Sealing & Lining
- Down Pipes & Gutters
- Tile Roofing Restoration

## R&BS has effectively rehabilitated:

- Universities
- Schools
- Colleges
- Industrial & Commercial Properties
- Hospitals
- Government Buildings
- Power Stations & Refineries
- Mining Infrastructure
- Manufacturing Plants
- Aged Care Facilities
- Churches
- Treatment Facilities & Water Reservoirs
- Industrial Factories
- Bridges

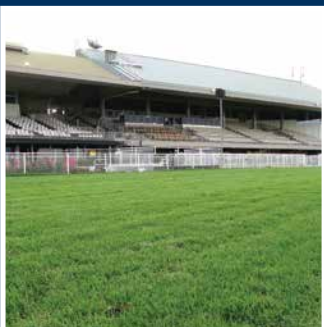
## High-Rise Residential

- Multi-storied Apartments
- Concrete Roof Decks
- Facades & Parapets
- Balconies
- Parking Garages
- Plant Rooms

## Landscaping

- Ponds & Fountains
- Green Roof Areas
- Planters & Garden Beds

# Experience. Excellence. Endurance.



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