



*Even well inland away from the sea, Sydney's air is rich in chloride ions and atmospheric gases, which cause chronic deterioration to structural concrete left unprotected or unrepaired*



*Heritage buildings also suffer from deterioration, particularly in the CBD*

# PRESERVATION TECHNOLOGIES

## CAPABILITIES

"Giving your assets a new lease of life"

## Professional restoration, repair and protection of concrete and masonry buildings and structures

Preservation Technologies has more than 50 years combined construction and business management experience in our specialist field of repairing, restoring and protecting buildings and structures.

### Core capability

Our core capability lies in our ability to deliver quality repairs to building facades, including high-rise office towers, heritage, public sector and institutional buildings and residential multi-unit developments. Preservation Technologies has access to and utilises the latest technology in both materials and equipment, enabling us to offer our clients an integrated solution to their maintenance and repair problems.

### Experienced team

Preservation Technologies comprises a team of professional, experienced and successful construction managers working together with skilled tradesman in this specialist field. The team is led by experienced management, drawn from within the specialist industry, complemented by

support staff and consultants who are qualified and enthusiastic. The company combines a strong financial base, with proven management capability to deliver projects on time and to budget. Versatility is a hallmark of this team, equally able to deliver desired outcomes regardless of project size, type of project, engineering requirements or heritage constraints.

### Value solutions

Preservation Technologies is dedicated to creating value for its customers by utilising best practice methods and technology to solve the ever tougher repair and rectification problems facing today's building and structure owners and managers.

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**High rise facade repairs need specialist skills by teams experienced in working at height**



**Strata title buildings can be repaired and protected at the same time enhanced by rendering, changing balustrading, windows, etc.**

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## Buildings repaired and protected

The following summarises the typical building types repaired and protected by our company and the services provided to this market.

Preservation Technologies has a proven track-record restoring facades of buildings, *at the same time* increasing asset values through ontime project delivery, stringent cost controls, use of innovative technologies and versatility with ingenuity in those “design-as-you-go” situations that commonly arise in complex repairs. We pride ourselves on being true specialists in this market sector and on our ability to exceed client expectations.

### Buildings

- High-rise office towers
- Multi-unit residential apartments
- Heritage buildings
- Institutional facilities, eg, schools, universities, colleges, hospitals
- Industrial and office complexes

### Services

- Facade repair and protection
- Masonry repair and strengthening
- Brick-ties and crack stitching
- Stonework restoration
- Joint seal reinstatement
- Roof and balcony waterproofing
- Balustrade and window repairs
- Remedial over-cladding
- Electro-chemical protection systems

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***Aging infrastructure needs attention not only to fix the ravages of time but also to install protective measures designed to greatly extend life-between-repairs***



***The splash zone of concrete structures is particularly at risk, as has been shown time and again in many harbour-side structures and berthing facilities***

# **PRESERVATION TECHNOLOGIES**

## CAPABILITIES

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## **Structures dealt with and services delivered**

The following summarises the typical structure types repaired and protected by our company and the services provided to this market.

Preservation Technologies has a proven track-record repairing structures deteriorated due to atmospheric, chemical and chloride attack and protecting them in the long term against further attack. Our professional, technical and practical approach to these complex tasks includes the application of strict control over quality, safety and environmental impact.

- Protective coating application
- Electro-chemical protection systems
- General maintenance

### **Structures**

- Concrete and masonry bridges, culverts, tunnels and water retaining structures
- Power and energy plants
- Marine berthing and storage facilities
- Industrial plants and facilities

### **Services**

- Concrete and masonry repairs
- Structural strengthening

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