

Concrete.
FUTUREPROOF
your build™



**COMMERCIAL
& PUBLIC USE**

FUTUREPROOF

01 CONCRETE. DESIGN AND BUILD WITH CONFIDENCE



National Archives Preservations Facility, ACT
Architect: May + Russell Architects
Photographer: Kiernan May

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Concrete is the world's most popular building material. It allows you to design and build with complete confidence.

Concrete is fluid and can be engineered and formed to your exact building design and then sets strong for life.

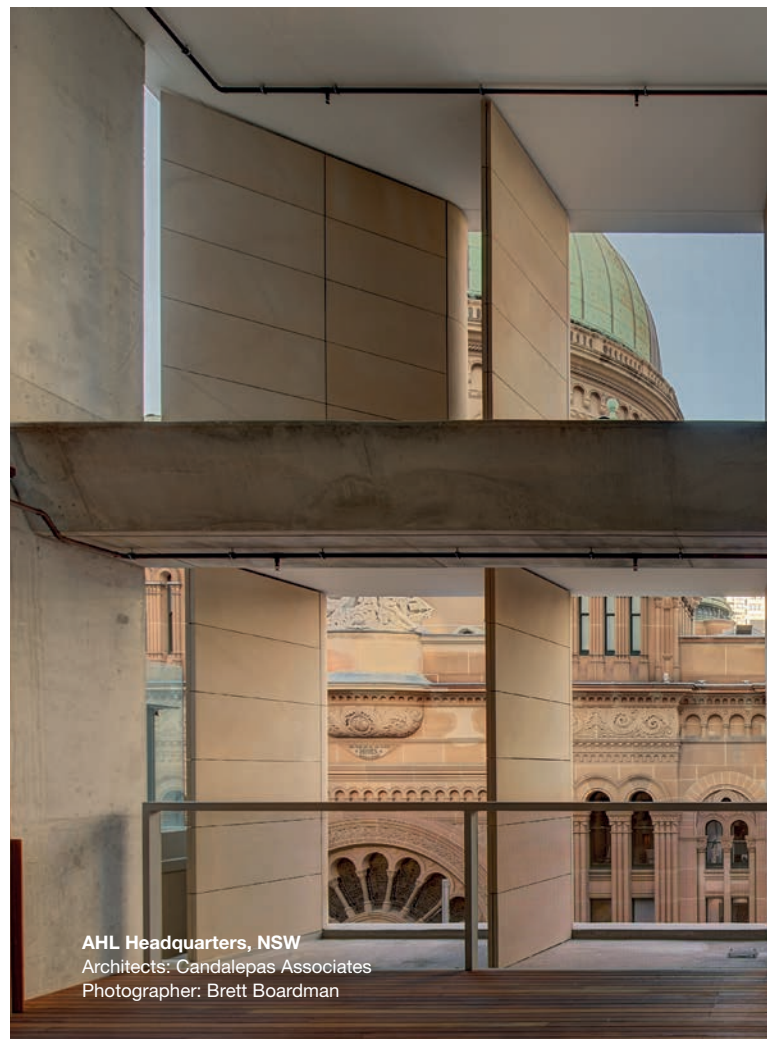
As a construction material it is unique in satisfying both structural and architectural aspects of your office or apartment design.

Its free-form versatility and strength allows you to design and build commercial and public use buildings such as Multi-storey Offices, Shopping Centers, Industrial parks, Hospitals, Schools and Museums with endless possibilities. It is adaptable to any location.

Concrete helps reduce your risk because it is locally produced, easy to obtain and uses local skills. Those involved in construction are experienced with concrete providing added confidence for efficient engineering & design, scheduling, placement, and fast project completion with minimal on-site wastage.

Concrete's consistent performance means it is easy to meet standards and codes providing peace-of-mind.

With concrete, you can be confident you are working with one of the world's most flexible, versatile, and trusted construction materials.



AHL Headquarters, NSW
Architects: Candalepas Associates
Photographer: Brett Boardman

CONCRETE. SUSTAINABLE FOR LIFE

02



Tarrawarra Abbey, VIC
Architects: Baldasso Cortese Architects
Photographer: Michael Gazzola
Source: C+A Magazine Issue 26

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Shaw Wines' Cellar Door, ACT
Architects: Oztal Architects
Photographer: Adrien Labutte

Across its life, concrete is a remarkably sustainable construction material, from the sourcing of materials through to design, operation and end-of-life decommissioning and recycling.

Concrete is locally manufactured which supports the local industry, community, and employment and is highly efficient with minimal onsite waste which reduces the impact of transportation.

Concrete is 100% recyclable and uses recycled materials in manufacture. It naturally absorbs carbon from the atmosphere throughout its life, with Global studies demonstrating up to one third of the original CO₂ emissions re-absorbed.

Concrete provides excellent thermal mass allowing for more stable and comfortable internal temperatures resulting in reduced energy costs.

Concrete's natural aesthetic, thermal and acoustic properties save on the need for additional finishings such as floor coverings, wall linings, insulation, and fire protection.

When the time is right, the concrete structure can be adapted for re-use and be re-purposed to begin its life over again.

Concrete is a sustainable material that is good to live with for its entire life.

03 CONCRETE. SOLID, SAFE AND LASTING



Art Gallery of Modern Art (GOMA), QLD
Architects: Robin Gibson and Partners Architects
Photography - Kbgo

With Concrete you are Futureproofing Your Build and Futureproofing Australia.

Concrete is Australia's locally manufactured, proven, durable and resilient construction material that just gets stronger over time.

Concrete is a safe and secure construction choice. Concrete is futureproof against natural deterioration, extremes of weather and climate and the ravages of fires, floods, and cyclones.

Importantly, concrete is resistant to termites and remains virtually maintenance free.

Concrete offers excellent fire resistance, it is non-combustible, emits no toxic fumes and when exposed to fire has a slow rate of heat transfer.

Concrete's density also helps to reduce the noise from adjacent apartments and the street.

When it has been deemed to have served its original purpose, the concrete structure can be adapted for re-use and be re-purposed to begin its life over again.

With concrete you know you are building something that is safe and solid, not only for today but for future generations to come.



University of QLD Oral Health Building, QLD
Architects: Cox Architecture in association with Hames Sharley
Photographer: Christopher Frederick Jones

Front page image credits:

Shaw Wines' Cellar Door, ACT
Architects: Oztal Architects. Photographer: Adrien Labutte

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