ENVISIA® Projects

LOWER CARBON, SUPERIOR DURABILITY, LOWER SHRINK, GREATER FLEXURAL STRENGTH

Crown Sydney

Boral is presently supplying **ENVISIA®** for the construction of Crown Sydney to meet the specification requirements of developer Lendlease and achieve a 3 star Green Star energy rating. Located in the Barangaroo precinct alongside Sydney Harbour, Crown Sydney will feature a casino, luxury apartments and the city's first six-star hotel.

Punchbowl Mosque, Sydney

ENVISIA® was used for all the concrete elements above ground of this project including 99 ornamental vaulted dome shapes inside the Punchbowl Mosque in south-west Sydney.

Architect Angelo Candalepas selected **ENVISIA®** because of its light appearance and good off-form finish while the engineers were able to take advantage of its low shrinkage characteristics.

Stokehouse Melbourne

ENVISIA® was chosen for the cantilevered slabs and columns of the split-level restaurant on the St Kilda foreshore to reduce the volume of steel reinforcement and concrete required for construction. It was also selected for its lower carbon attributes to assist the building attain a 5 star Green Star rating.

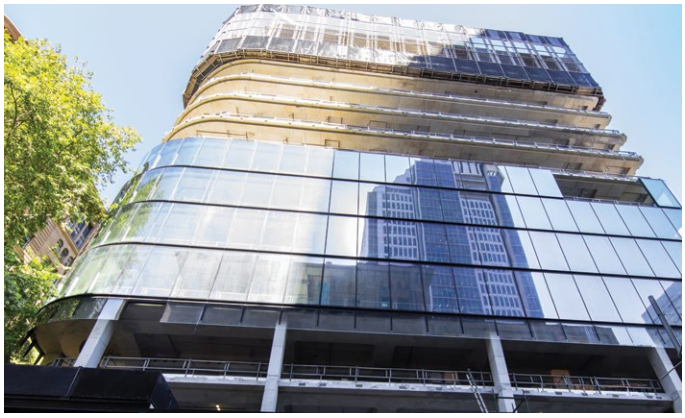
ENVISIA's® light colour and excellent off-form finish were well-suited to the exposed columns and slabs used in the design and expected to extend durability of the building to more than 100 years and complemented by the product being ideal for marine environments.

ENVISIA® Projects

333 George Street, Sydney

ENVISIA® was supplied to Watpac for the construction of an 18-storey building at 333 George Street in Sydney's CBD to achieve a 5 Star Green Star energy rating.

ENVISIA® was used to build the columns, core walls and suspended post-tensioned slabs where drying shrinkage was a critical factor in the design. **ENVISIA®** achieved the 22MPa strength needed after four days, allowing construction to continue at a rapid pace required in modern projects, compared to the five or six days that would be expected from concrete with this high level of cement replacement.



Hesperia Project, Perth

At Boral, we're excited by the opportunities to help our customers achieve a carbon neutral footprint. We're currently working with Hesperia, one of WA's leading property developers at the Roe Highway Logistics Park in Perth.

While aiming to be carbon neutral, this project has used 2500m3 of Boral's lower carbon concrete **ENVISIA®**.

Campbell Primary School

We are proud to be working with LendLease to deliver Climate Active certified net carbon neutral concrete – a first for both Boral and Lendlease – for the construction of Campbell Primary School in ACT which is scheduled for completion in 2022.

We are supplying our proprietary **ENVISIA®** concrete to the Campbell Primary School project which is achieving a reduction in carbon emissions from the production of concrete of more than 40%.

To offset the remaining embodied carbon from the concrete used on the project, we purchased carbon credits to create a net carbon neutral concrete and achieve Climate Active certification. Climate Active is the Australian Federal Government's initiative to certify carbon neutrality and ensures that this is achieved in a credible and transparent way.

Visit our website to find out more

www.boral.com.au/advanced-concrete

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