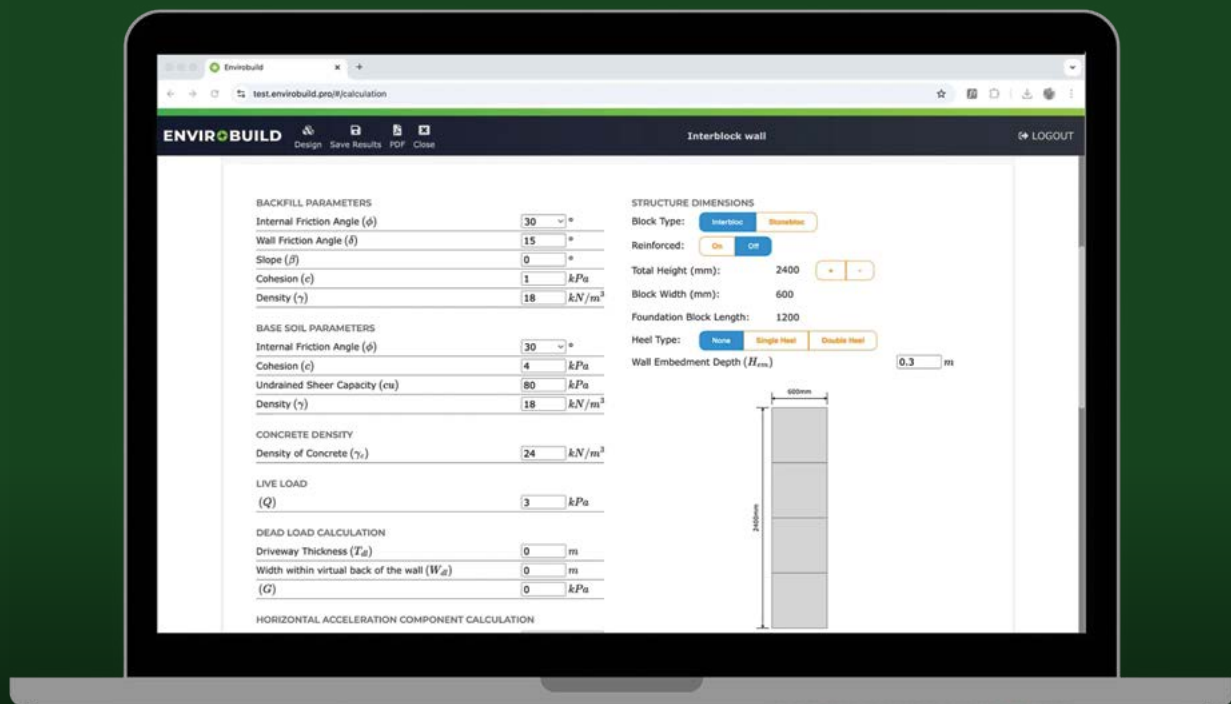


ONE PLATFORM CONCEPT TO COMPLIANCE

STRUCTURAL ENGINEERING ANALYSIS IN MINUTES – PURPOSE-BUILT FOR INTERBLOC® AND STONEBLOC®, ALIGNED TO AUSTRALIAN STANDARDS.



ENVIROCALC®



A PURPOSE-BUILT ENGINEERING ANALYSIS AND DESIGN PLATFORM

Envirocalc® is a cloud-based gravity retaining wall design platform by Envirocon®, built specifically for the Interbloc® precast block systems used across Australia.

Envirocalc® automates layer-by-layer calculations for gravity and vertically reinforced wall configurations – replacing hours of manual spreadsheet work with clean, structured outputs ready for council and private certifier submission.

Designs are aligned to AS 4678, AS/NZS 1170 and AS 5100 where applicable, and the

underlying engineering has been developed and peer-reviewed by a civil engineering PhD researcher specialising in gravity retaining structures. Envirocalc® removes ambiguity at development approval stage, accelerates pre-design conversations with councils and certifiers, and gives consulting engineers, civil contractors and specifiers a single tool that covers every Interbloc® configuration on a project – free to use for any engineer specifying Envirocon® gravity wall systems.

FEATURES



Fast installation with self-aligning blocks, using standard on-site machinery.



Envirocalc® provides cloud-based engineering analysis for compliant, validated wall designs.



Envirobuild® enables fast 3D design, visualisation and accurate block quantification.



Block buyback option converts blocks into cash at project completion.

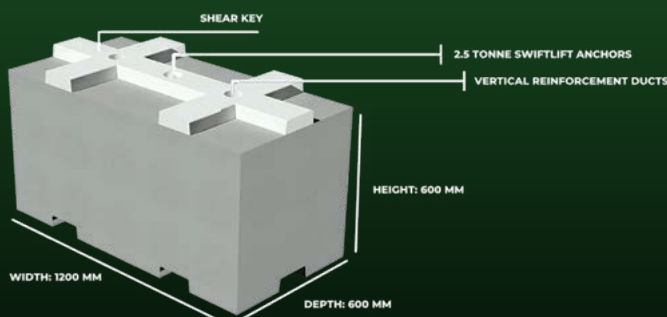


Multiple reinforcing options available to suit application and engineering requirements.



Manufactured to certified precast standards, ensuring consistent quality and performance.

THE CORE SYSTEM OF INTERBLOC



VERTICAL REINFORCEMENT DUCTS

Integrated vertical ducts allow for reinforcement, increasing structural strength and overall stability.

SHEAR KEY

The shear key transfers shear forces between blocks while allowing overturning forces to be resisted by the block's own weight.

LIFTING PIN

A built-in lifting pin enables safe, efficient handling and installation on site.