

Capral Launches Advanced Revit 3D Model Library for Commercial Systems

28th April 2025

FOR IMMEDIATE RELEASE

Capral Aluminium has announced the release of its new Revit 3D Library for Commercial Windows, doors, glazing systems and curtain walls, offering architects and building designers access to a refined suite of BIM content designed to streamline window specification and enhance documentation accuracy.

Developed in collaboration with IGS BIM Solutions—Australia’s leading BIM content specialists—and shaped by input from prominent architectural practices, the Capral Revit Library delivers a high-performing, user-friendly solution for integrating aluminium windows and doors into Revit-based design workflows.

The library includes 3D content for Capral’s widely specified AGS and Artisan Window and Door Systems, covering awning, casement, sliding, double-hung, louvre, and folding windows, along with hinged, pivot, sliding, and folding doors. Recessed, cavity, and corner door configurations are also available to support a broad range of project requirements. AGS Glazing systems and Curtain Walls are also included in the offer, making it a highly comprehensive resource for Architects focused on commercial projects.

According to Capral National Specification Manager Brendon Orth, the new content has been meticulously developed to meet the evolving needs of the design community.

“The Revit library was created with a strong focus on usability and performance,” Orth says. “We’ve ensured that the families are intuitive to use, visually clean, and optimised for documentation—while still maintaining the flexibility and accuracy required for today’s commercial projects.”

Key features include wall-based families with built-in sidelights and overlights, minimising the need to load multiple variations for common design scenarios. Curtain wall content is also provided for advanced façade applications. Families are modelled at a simplified Level of Detail (LOD) to ensure efficient file performance, without compromising on the essential information needed for schedules and construction documentation.

The inclusion of smart 2D construction details—with selectable head, jamb, and glazing options—offers designers a practical tool for developing accurate and consistent detailing. Other thoughtful touches include panel size and weight notations with built-in warning text,



easy-to-understand parameter naming, and height controls that adjust from the head down, rather than the sill up—more closely reflecting installation realities.

“We’ve taken the time to incorporate best-practice modelling techniques and align with Revit standards, so designers can work more efficiently and with greater confidence,” Orth notes. To further support ease of use, Capral has introduced a Revit ‘Virtual Showroom’ project file. This preloaded environment includes all available families, laid out in a logical and accessible format for browsing, quality assurance, and seamless content integration.

The Capral Revit Library will be available for download via [BIMcontent.com](https://www.bimcontent.com) and the Capral website [capral.com.au](https://www.capral.com.au), and can also be accessed directly within Revit via the BIMcontent.com Revit Plug-in.

“This library reflects Capral’s commitment to supporting the architectural community with tools that enhance design precision and streamline project delivery,” Orth concludes.

With high-performance BIM content tailored to real-world specification needs, Capral’s latest release represents a significant step forward in digital design support for aluminium commercial systems.

- ENDS -

Imagery to accompany this Release

https://www.dropbox.com/scl/fo/z3ul72yl6iw1hi5afq7dg/ACcGo6-jHfqGWknyr8eht_8?rlkey=ato2u2ttlqxddrtwxxtfrf77&dl=0

Any questions or to request additional imagery or quotes, please contact us.

Kellie Moore

Corporate Marketing Communications Manager | **Capral Limited**

m +61 416 154 943

e kellie.moore@capral.com.au