

THE ADVANCED MANUFACTURING RESEARCH FACILITY (AMRF)

Bradfield City Centre, Australia



Project Exclusive

Located in Bradfield City Centre — Australia's first new city in more than a century — the Advanced Manufacturing Research Facility (AMRF) represents a major step in sustainable, technology-driven urban development.

The project integrates mass-timber construction, modularity and regenerative design principles, supported by ASP's innovative access flooring systems across approximately 3,000 m² of floor space.



THE WHO'S WHO

CLIENT

Djinjama (Cultural / Landscape & Country Input)

ARCHITECT

Hassell

BUILDER

Taylor Constructions

ENGINEER PARTNER

Sparks+Partners Consulting Engineers

ACCESS FLOOR INSTALLATION

ASP Access Floors (Direct Supply & Install)



THE ACCESS FLOOR SCOOP

ASP supplied and installed a suite of systems to support the AMRF’s diverse functional zones and sustainability targets. ICON Air was installed throughout human-centred workspaces, providing comfort-focused airflow integration. Multiple air diffusers supported return-air pathways across the floor plate, while ICON Data HPL panels were used in data rooms to support server management and ICT infrastructure.

Urban Interlock 6kN panels delivered high load performance and compatibility with hard finishes, while the Magnes Bamboo system — developed collaboratively with Hassell and House of Bamboo — introduced a magnetic timber surface with warm, natural materiality. This finish eliminated the need for a secondary substrate and provided full accessibility across the access floor footprint. The overall installation supported WELL-aligned design principles, focusing on light, air, comfort and human experience.



SUSTAINABILITY TRENDS



DID YOU KNOW

3,000 m² (32,292 sqft)

The AMRF targets a 6 Star Green Star (Buildings v1) rating. The access flooring installation incorporates EPD-certified systems, bamboo-based finishes and modular components that align with circularity and regenerative design goals.

ASP was approached directly to develop a sustainable magnetic bamboo finish — the only access floor system of its kind with EPD-supported technology.

Performance Highlights
ICON Air supports human comfort through integrated air delivery. Magnes Bamboo reinforces the human-centric design intent through natural materials and EPD-credentialed components.

Featured Products

ICON AIR 4.5kN 450mm FFH	URBAN INTERLOCK 6.0kN 450mm FFH	ASP AIR DIFFUSERS Multiple
ICON DATA HPL 4.5kN 450mm FFH	MAGNES BAMBOO Hassell Collaboration	