

LAUNCH OF THE ENHANCED PRECAST COMPONENTS CATALOGUE (EPCC)

We are pleased to inform you that the Housing & Development Board (HDB) has launched the Enhanced Precast Components Catalogue (EPCC). The launch was announced by the Minister for National Development, Mr Chee Hong Tat, at the HDB Awards Night on 25 September 2026. HDB Circular was issued to the industry on 28 September 2026 for adoption.

2 Developed through the HDB-BCA-Industry Design Standardisation and Productisation (S&P) Workgroup, the EPCC reflects the collective efforts of HDB engineers and architects, BCA representatives, civil and structural consultants and precasters. It serves as a shared industry reference, providing a comprehensive library of standardised precast components that allows consultants, precasters and contractors to work from a common design language.

3 Beyond component dimensions, the EPCC sets out common requirements for key design and fabrication elements, including concrete grades, reinforcement provisions and connection details. The EPCC adopts a three-tier framework of A1, A2 and B products. A1 products are fully standardised, industry-ready and directly deployable across HDB projects, with strong potential for broader adoption across the private sector. A2 products standardise key parameters while allowing controlled variations to address project requirements. B products, such as beams, columns and walls, are supported by modular dimensional increments, design tables and guidelines provided within the EPCC. This approach maximises standardisation where practical, while retaining the flexibility needed for different building forms, heights and loading requirements.

4 The EPCC also reduces unnecessary variations. Coupled with the design guides and production shop drawings in the Catalogue, it promotes greater consistency in design and manufacturing across projects, creating opportunities to realise economies of scale. Greater standardisation does not result in uniformity across developments, the EPCC retains sufficient flexibility for consultants to vary building layouts and façade treatments, allowing each development to maintain its own identity and character.

5 The EPCC is a key initiative in HDB's efforts to advance industrialised construction, in line with BCA's drive towards Design for Manufacturing and Assembly (DfMA). It represents a significant milestone in HDB's journey towards industrialised construction and reflects our commitment to fostering a more productive, resilient and future-ready built environment.

6 The full EPCC package, comprising the Catalogue with shop drawings in PDF format and corresponding shop drawings in DWG format, can be downloaded from HDB InfoWEB, Technical Resources under Building Group Business Portal (BGBiz) via the [link](#) or QR code provided in the Annex A.

7 We look forward to your organisation's support in communicating the launch of the EPCC to your members and encouraging its adoption across the industry.

Thank you and regards,

<signed>

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Annex A: QR Code for Technical Resources

Access via HDB InfoWEB: HDB InfoWEB > e-Services > Business Partners > View Technical Resources > Guides and Templates > Design Guides



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