

Friday 11/07/2025

Clear Form Wall Systems Pty Ltd

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ENGINEERING CERTIFICATE OF APPLICATION

The Clearform Walling system is a permanent 'stay-in-place' polymer formwork solution for the construction of reinforced concrete walls and blade columns. It is primarily a formwork system and should be regarded and treated as such in structural applications.

When used in vertically loaded, sway-restricted structures, Clearform reinforced concrete elements perform comparably to conventionally formed members, provided that reinforcement is designed and detailed in accordance with the relevant provisions of AS 3600 – Concrete Structures.

Structural and fire testing has demonstrated that the inclusion of the internal polymer ribs does not adversely affect the performance of the concrete element, while compliance with AS 3600 reinforcement detailing ensures structural adequacy. The system therefore offers advantages over conventional formwork by serving as a permanent 'stay-in-place' solution without compromising strength, serviceability, or fire performance.

Based on the available evidence and testing, I am satisfied and hereby certify that the Clearform Walling system is suitable for use in reinforced concrete walls and blade columns, and that such applications can achieve full compliance with the Building Code of Australia (BCA), provided that the structural designer applies the reinforcement detailing and concrete strength requirements of AS 3600, as would be required for equivalent conventionally formed elements.

Regards,

Marcelle Elachi

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A handwritten signature in black ink, appearing to read 'Marcelle Elachi', written over a thin horizontal line.

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