

26th April 2023

Clear Form Wall Systems Pty Ltd

**Clear Form Wall Systems Pty Ltd
Engineering Certification of Application**

The Clearform extruded polymer shuttering system for forming reinforced concrete Walls and Blade Columns, is primarily a formwork system, suitable to construct these elements and should be regarded as such.

These Clearformed Reinforced Concrete elements incorporated as structural members in vertically loaded and sway restricted structures are similar in performance to those constructed by conventional forming methods, provided that steel reinforcement, if necessary, is designed and detailed to replicate the intent of the relevant clauses of Australian Standard AS 3600.

Testing of elements under load and fire situations has demonstrated that the inclusion of the polymer ribs internally has no significant effects on the performance of Elements, provided that Reinforcement Details which comply with AS 3600 are adopted. This therefore generates positive advantages over conventional formwork which is non-permanent.

I am satisfied and certify that the use of the Clearform product for reinforced Concrete Walls and Blade Columns is suitable for the realisation of fully compliant Structures to the requirements of the Building Code of Australia, provided that the structural designer replicates the Steel Reinforcement and Concrete Strength rules of AS 3600, which would be appropriate for conventional elements.

Yours faithfully,



Vladimir Rouhliadoff
Chartered Professional Engineer