

19<sup>th</sup> March 2020

Dincol Construction System Pty Ltd  
101 Quarry Road  
**ERSKINE PARK NSW 2759**

Dear Sir / Madam

**RE: ENGINEERING CERTIFICATE OF CONFORMITY**

Dincol Wall consists of permanent polymer formwork and structural concrete. The polymer formwork has been tested and obtained a CodeMark Certificate of Conformity which satisfies fire and smoke compliance with the Building Code of Australia (BCA) / National Construction Code (NCC).

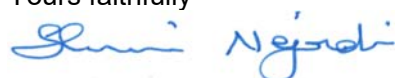
The use of structural concrete material is defined by the Australian Standard for Concrete Structures Code (AS 3600-2018).

We have already conducted earthquake and flexural beam testings at UTS to recognise the beneficial properties of the permanent polymer encapsulation. I have also reviewed and agree with the Dincol Structural Engineering Design Manual certified by UNSW. The simplest design approach by the designer is to ignore the presence of the permanent polymer for fire and ultimate strength purposes and design the concrete infill as per the requirements of the following concrete structures codes; AS 3600, EuroCode, ACI 318, BS 8110, DIN 1045, NZS 3101, etc.

This is to confirm that Dincol Construction System will comply and satisfy the Building Code of Australia (BCA) / National Construction Code (NCC) or New Zealand Building Code (NZBC) as Evidence of Suitability for structures utilising Dincol Wall and Columns, provided that the following engineering design principles are adopted by the Designer.

- (i) Loads: Current Australian Standards or equivalent New Zealand Standards
  - (a) AS 1170.1 (Permanent, Imposed and Other Actions).
  - (b) AS 1170.2 (Wind Actions).
  - (c) AS 1170.3 (Snow and Ice Actions).
  - (d) AS 1170.4 (Earthquake Actions).
  
- (ii) Determination of structural resistance materials and forms of construction in accordance with:
  - (a) Concrete Construction – AS 3600-2018.
  - (b) Concrete Construction of other appropriate standards – European, German, British, Canadian, New Zealand, American, etc.

Yours faithfully



Dr Shami Nejadi  
Associate Professor in Structural Engineering  
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