

Case 23/2021

- Issue: In-principle Acceptance of Modular Integrated Construction (MiC) - (1) Modified Reinforcement Arrangement in Confined Boundary Element of Walls and (2) Modified Reinforcement Arrangement through the thickness of Walls
- Recommendation:
- (1) To accept the modified reinforcement arrangement in confined boundary element of walls without following the prescriptive requirements stipulated Clause 9.6.4 and Clause 9.9.3.2 of the Code of Practice for Structural Use of Concrete 2013 (the Concrete Code 2013).
  - (2) To accept the modified reinforcement arrangement through the thickness of walls outside the Confined Boundary Element zone without following the prescriptive requirements stipulated in Clause 9.6.4 of the Concrete Code 2013.
- Decision: Having noted the background information and arguments together with RSE's quality control and supervision arrangement, members endorsed the recommendation on a case-by-case basis subject to the following conditions:
- (1) A full-scale mock up should be carried out prior to the commencement of construction. A performance report should be submitted for acceptance prior to the commencement of module installation.