

Summary of Decisions of the Structural Engineering Committee
SEC Meeting 1/2026 held on 4.2.2026

Case 1/2026

Issue: Proposed grade C80 High Strength Concrete (HSC) with a higher cementitious content and enhanced short-term static modulus of elasticity for superstructure.

Recommendation: (1) The use of grade C80 HSC with a higher cementitious content and an enhanced short-term static modulus of elasticity (E_c) of 39 GPa (characteristic value) for the construction of core walls and corbel walls, as well as associated lintel beams, subject to the conditions given in the SE Appendix SE-SA1A being met and the quality assurance scheme proposed by the project registered structural engineer (RSE) being implemented.

Decision: Having noted the background of design approach, quality control measures, site supervision, and testing proposals, as well as considering the precedent cases, members had no objection to endorsing the paper on a case-by-case basis.