

Summary of Decisions of the Structural Engineering Committee
SEC Meeting 5/2025 held on 10.6.2025

Case 6/2025

Issue: In-principle acceptance of structural use of BOSA Seisplice Type G (Groutsplice Coupler) for Y32 Rebar Splicing

Recommendation: To accept the use of BOSA Seisplice Type G (Groutsplice Coupler) with threaded end to BOSA's standard seisplice for splicing of reinforcing bars of 32 mm in accordance with Clause 3.2.8 of the Code of Practice for Structural Use of Concrete 2004 for the reinforcing bars (specified characteristic strength = 460 N/mm²) and the Code of Practice for Structural Use of Concrete 2013 (2020 Edition) and amendments to Code on June 2023 and April 2024 (the Code) for the coupler as Type 2 mechanical coupler.

Decision: Having noted the background of the design approach, construction sequence, quality control, site supervision, and testing proposals, the members endorsed the recommendations on a case-by-case basis, subject to the following conditions:

(1) A mock-up using Groutsplice Couplers should be carried out before the start of construction, to demonstrate the adequacy of the proposed method statement. The mock-up arrangement should be set up to model the critical installation situation.

(2) The following supervision conditions should be imposed:

- RSE Stream:

Role	Proposed Frequency Level
T3, Quality Control Supervisor (QCS)	Weekly on site At least 50% of all couplers to be checked by T3 before casting to ensure that rebars are fully screwed into coupler. 100% quality supervision of grouting process for splicing assemblies.

- RC Stream:

Role	Proposed Frequency Level
T3, Quality Control Coordinator (QCC)	<p>Full Time T3</p> <p>All couplers to be checked by T3 before casting to ensure that rebars are fully screwed into coupler.</p> <p>100% quality supervision of grouting process for splicing assemblies.</p>

- (3) The quality control and assurance measures suggested in the SEC paper should be implemented.