

Summary of Decisions of the Structural Engineer  
SEC 05/2013 held on 24.4.2013

(a) Case 05/2013

Issue: Use of Polypropylene Fibres in concrete to replace the use of reinforcement mesh within the concrete cover of reinforced concrete linings for tunnel construction

Recommendation: To accept the use of Monofilament Polypropylene (PP) fibres (dosage 1 kg/m<sup>3</sup> of concrete) in concrete mix to replace the use of reinforcement mesh within the concrete cover as specified in Tables E4 & E6 of the Code of Practice for Fire Safety in Buildings 2011 for the reinforced concrete linings for tunnel construction.

Decision: Noting RSE's justification, members endorsed the recommendation.