

Summary of Decisions of the Structural Engineering Committee
SEC Meeting 9/2014 held on 24.10.2014

(a) Case 31/2014

Issue: Use of Laminated Glass with SentryGlas® Plus (SGP) Interlayer and Titanium Insertion Connections

Recommendation: (1) The laminated glass panels bonded by SentryGlas® Plus (SGP) adopting composite action for structural design on condition that the structural stiffness of the laminated glass panel should be limited to 60% of its value allowing for full composite action including the thickness of SGP interlayers.

(2) Connections consist of titanium inserts bonded by SentryGlas® Plus (SGP) for transferring loads from laminated glass (annealed) treads to laminated (heat strengthened) glass stringer and steel stringer.

Decision: Having noted the background information and arguments, members endorsed the recommendation on a case by case basis.