

Summary of Decisions of the Structural Engineering Committee  
SEC Meeting 4/2016 held on 3.3.2016

Case 08/2016

Issue: Use of Laminated Glass with SentryGlas® Plus (SGP) Interlayers in Glass Wall Works

Recommendation: To accept the structural use of laminated glass panels, bonded by SentryGlas® Plus (SGP) interlayers, designed to act compositely with the degree of composite action limited to 70% of the structural stiffness of an equivalent monolithic glass pane of thickness equals to the sum of thickness of the individual glass panes excluding the thickness of the interlayers in the proposed laminated glass panels.

Decision: Taking note of the background information, the clarifications made by the RSE and the design methodology adopted, members endorsed the recommendations on a case-by-case basis subject to the following conditions:

- (a) A sensitivity analysis should be carried out by the RSE with a variation in shear modulus of the SGP interlayer against the degree of composite action attained; and
- (b) Prior to the submission of application of occupation permit, the RSE should submit the bending test results for samples subjected to a prolonged period of exposure to weathering.