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VEA Innovative glass point fixing façades, an approach to a better thermal performance.

Curtain wall façades with structural glass point fixing systems are a part of the new architecture trend, where transparency, design and performance represents most importance in the building envelope. A concern about the thermal behaviour and durability of this structural glass point fixing façades has been discussed. As the industry appears with new emerging materials and their advanced manufacturing technology responding fast to structural issues, the thermal performance as not been totally discussed and characterised. Glass can be perforated in this systems but there are also new approaches that avoid this perforation, such as embedded improving the façade performance.