

GLASS FINS



When it comes to all-glass structures, the most commonly used elements are glass fins. These building components utilize the full potential of glass as a structural material, and at the same time yield maximum transparency and an unobstructed open view. Glass fins eliminate the need for conventional metal mullions and beams. In facades and roofs the glass fins can be structurally used to transfer horizontal and vertical loads from e.g. wind and snow to the structure.

As a leading design & build party in structural glass technologies, Octatube has long been able to translate architectural concepts for transparent rooflights and facades into bespoke and high-end projects. Currently it is possible to make glass fins up to 18 meters long. Usually glass fins are composed of a combination of 2 or more layers of tempered glass. In combination with a wide array of glass types and the application of frit patterns and translucent interlayers, architects have numerous possibilities.