



In many applications it is the architect's choice not to use an entirely frameless construction. This has led to Octatube developing lightweight trusses with a (slightly curved) central compression member in the middle and cables above and below. Perpendicular purlins are then provided, delivering the sought-for "floating" effect. Octatube also applies and designs specially formed profiles, such as the steel Stabalux profile, capable of supporting spans up to 3.6 meters with ease.

One important consideration in the application of linear profiles is the safety of the resulting construction. The curved side of the laminated panels of the Broerekerk church for example, rest on and are retained by linear profiles, providing a safe level of support in the event of any breakage. The linear profiles at ceiling level also emphasise the separateness of the glazed area, detached from the pointed v-trusses above.