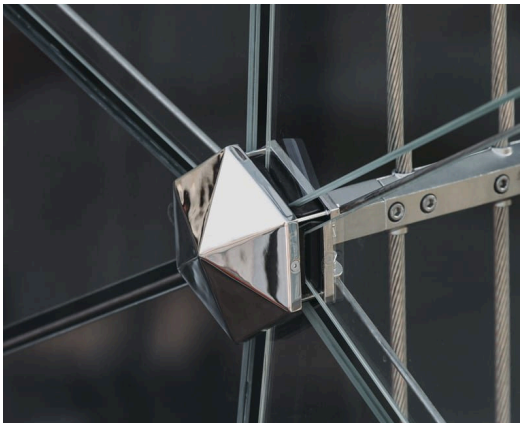
THE DIAMOND (HEINEKEN HOEK)

Architect	MVSA
Client	CARANSA GROEP B.V.
Location	AMSTERDAM
Year	2023









The striking double facade gives the new iconic building on Amsterdam's Leidseplein a diamond-like appearance. Where the inner facade acts as a thermal shell, the outer facade is purely an aesthetic addition. The glass facade suspend from cables pre-tensioned between steel swords and so-called nesting boxes. We designed the nesting boxes - steel consoles in the concrete structure - to translate rough concrete tolerances into the minimum tolerances required for the façade's detailing. Slender tie rods keep the cables stable.

We developed special stainless steel nodes with a plastic (pom) core that hold the more than 800 triangular laminated glass panels in place. The glass panels sometimes differ in size by only a few millimeters and are placed at different angles and rotations. This gives the building its distinctive look. At night, energy-efficient LED lighting allows the building's facade to glow subtly.

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info@octatube.nl · +31 (0)15 789 0000

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