**Reynaers Aluminium’s CW 50 gives Unlimited Creative Freedom and Maximum Light Penetration**

With its unlimited creative potential and maximum light penetration, the Concept Wall® 50 is a façade and roof system that offers unlimited design freedom and allows for maximum transparency. The exceptionally versatile CW 50 offers a wide range of possibilities for architects and installers, from different sophisticated connection options to simpler logistical solutions and improved drainage alternatives.

The versatility of the CW 50 is highlighted by its vast range of options and possibilities that can be combined in many creative ways. Although full glass façades give a strong sense of transparency and minimalism, the logistics of gluing or structurally clamping glass panes can be a logistical challenge. The solution with extra flush pressure plates, almost level with the glass surface, simulate full glass façades and make the production much easier. These can further be complimented with a variety of covers or face caps to either emphasise sleek lines or provide the opportunities to use the trending and popular ‘large nose’ face caps. Reynaers Aluminium offers these in the standard range with depths of 50, 75, 100 and even 200 mm. These special 200 mm deep face caps assist to emphasise interesting contours of curtain walls and add to the design.

The CW 50-SL variant with its very slim profiles and a visible width of only 15 mm provides an answer to the needs of modern architecture, allowing even more daylight inside. Innovative solutions address the tendency towards bigger and heavier high insulated glass panes in various support configurations, opening up endless design possibilities.

Last but not least, CW 50 offers the freedom to go beyond the normal matrix grid, as multi-level drainage and staggered mullions make it possible to shift the vertical lines of the façade.

The straight cut transom-transom (TT) version which is fully compatible with the CW 50, uses the same profiles for frontal assembly and installation with an overlapping drainage. This makes it possible to install the CW 50-TT frontally in-between two already installed vertical transom profiles through the application of spring-loaded T-connectors and a die casted connection piece. A slotted hole in the connection piece allows for dilatation, while still accommodating glass thickness up to 64 mm and delivering insulation values (Uf) down to 0.56 W/m²K and water tightness to 1200 Pa.