**REYNAERS ALUMINIUM’S SLIMPATIO 68 COMBINES OPEN ELEGANCE WITH SUPERIOR PERFORMANCE THROUGH SLEEKER DESIGNS**

***With its new SlimPatio 68, Reynaers Aluminium brings innovative patio sliding window solutions that not only offer even wider views, but also deliver superior air, wind and water tightness***

**Duffel, May 2018 -** **Reynaers Aluminium, leading European specialist in sustainable architectural aluminium solutions, launches its new SlimPatio 68 sliding element to extend panoramic views through creative design features. The elegant flush design with its concealed frame delivers higher wind load resistance through improved sealing technology and supreme comfort.**

This new product, with its first project realization at Ithaafushi in the Maldives, features considerable view expansions to assure maximal panoramic vistas by reducing visible lines to the very minimum. Based on its market proven predecessor, the CP 68, visible widths of 110 and 102 mm have all been reduced to the SlimPatio’s slim profiles of equal thickness at 34 mm; a total reductionof 68%.

This has further been complemented by its beautiful flush design and a frame that is concealed in the wall cavities; offering elegant symmetrical views at a competitive price. A full height integrated handle has been incorporated in the profile to keep the narrow lines intact.

**Ensuring Comfort and Safety**

In addition to the aesthetic value of the expanded view, SlimPatio 68 also excels in comfort and safety. Outstanding thermal insulation, as well as superb air, wind & water (AWW) performance levels have been achieved as reflected in the following table:

|  |  |  |
| --- | --- | --- |
| Air permeability | Water tightness | Wind load resistance |
| **4 (600Pa)** | **8A (450Pa)** | **B5 (2000 Pa)** |

The SlimPatio 68 with reinforced meeting section can handle wind loads of up to 2000Pa, which makes this solution ideal for areas exposed to harsh weather conditions such as coastal environments and high-rise buildings.

Like the CP 68, the SlimPatio 68 solution offers a wide variety of options varying from a simple, single rail setup to two- and three-rail solutions to allow for much wider openings where this is required. The variety of combinations of fixed and sliding elements allows architects and designers creative freedom. This includes a concealed pocket solution, where the vents disappear into the wall, and a very narrow central closing option with a standard 7 mm spindle.

Vents can reach up to 2700 mm and can support up to a maximum weight of 250 kg; considerably up from the 200 kg and 2500 mm of the standard CP 68. Glass thicknesses of 24 or 36 mm are accommodated, delivering an insulation performance of up to Uw 1.2 W / m²K.

Willem Naudts, Product Manager for sliding systems at Reynaers Aluminium, highlights the company’s commitment to continuous improvement to ensure its market leadership in offering superior levels of performance and comfort and a reasonable price. “When we launched the ever reliable CP 68 in 2014 it was designed to bring the superior features of our high end products to within reach of all our consumers. That desire has not changed, and the SlimPatio 68 is proof of our dedication to quality and excellence through innovative design.”