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Results summary from the determination of air permeability, watertightness and resistance to wind load of a glass roof element with and without a flap

For a complete description of the test object, procedures carried out, results obtained and the test conditions, see each respective report mentioned in the following summaries.

Glass/metal roof element, CI-System Glass architecture PR60 Classification according to EN 13830 (see report 4P02914-A)

Air permeability: AE₃₀₀₀ positive pressure
Watertightness: Class RE₁₉₅₀ (3.6 l/m².min) after remedial action
Resistance to wind load: Design wind load 2000 Pa

Glass/metal roof element flap, two motors, CI-System Glass architecture PR60 Classification according to EN 14351-1 (see report 4P02914-B)

Air permeability: Class 4
Watertightness: Class E₁₉₅₀ (3.6 l/m².min)
Resistance to wind load: Class C5

Glass/metal roof element flap, one motor, CI-System Glass architecture PR60 Classification according to EN 14351-1 (see report 4P02914-C)

Air permeability: Class 4
Watertightness: Class E₁₉₅₀ (3.6 l/m².min)
Resistance to wind load: Class C5

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