

Gowercroft passes rigorous Weather Performance Test with Flying Colours

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Internationally recognised standard, BS6375 Part1 is designed to determine the air permeability, water-tightness and resistance to wind load for windows and external doors, giving architects, specifiers and homeowners the ultimate reassurance that their products will withstand severe weather conditions.

A series of stringent Indicative stress tests, replicating the worst of real-life weather conditions, were conducted by MACO, at their state-of-the-art Indicative testing facility in Sittingbourne, where grades were given for the average result in each category.

Gowercroft Joinery not only sailed through all three categories but achieved exceptionally high results for a timber window, which included: a very high Class 4 for BS EN 12207 Air permeability; Class A9 for BS EN 12208 Watertightness under static pressure; and a Class C3 for BS EN 12210 Wind resistance.

Andrew Madge, Managing Director of Gowercroft Joinery said: “We have always had absolute confidence in the quality of our windows, so undertaking full weather and air permeability testing with MACO has been a great opportunity to actually prove that our flagship timber flush casements deliver market leading performance against the elements.”

Ross Childs Product Service Advisor at MACO said: "It is rare for timber windows to be tested to these particular quality standards, but Gowercroft Joinery performed well in all three categories with particularly impressive above average results in the Air permeability and Watertightness tests."

Gowercroft has previously worked with MACO to achieve PAS-24 standard indicative security testing for Part Q of Building Regulations across its standard range, which demonstrates the effectiveness of the Gowercroft design and the MACO ironmongery utilised on these products.

The MACO testing facility is based in the MACO UK headquarters in Sittingbourne, Kent. Recently refurbished, it now houses a state-of-the-art complete weather testing rig along with a mechanical load and impact security rig. This allows MACO to assist its partners with a wide range of indicative testing. With its expert technical team, MACO is able to advise and give recommendations to help ensure windows and doors pass first time.

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