



Press Release

COMAR LEADING THE WAY TO **2025 DEADLINE**

The fundamental robustness and competitive pricing of the COMAR Aluminium Architectural Systems is proving increasingly popular for both commercial and domestic projects, as 2025 Future Building Standards (FBS) deadline looms. COMAR's achievements in the window and door sectors can be attributed to the strength and performance of the aluminium frames which have led the market since 1968.

COMAR's continual drive to meet the challenges of a changing market has led to an innovative approach to product development from day one, which has resulted in a leading market position for the company. As FBS regulations come into focus for the sector, the company is immersed in evaluating the complete portfolio to ensure it meets and exceeds market demand.

Brian McDonald, Sales and Marketing Director considers that whilst discussion on achieving better U-values and how they can be achieved is always relevant, when it comes to today's market and moving forward, the COMAR brand already meets the necessary legislative requirements.

He comments, "The challenges of offering aluminium systems that are sleek and stylish but that will answer the increasing demands for better thermal values are now presenting this sector with challenges that have never before been seen.

COMAR has had a seat at the table of innovation for many years in the aluminium fenestration sector. The team has worked diligently to provide superior, thermally efficient aluminium products that can achieve U-values as low as 0.71W/m²K and the positive results are testament to the success of the R&D team."

Innovation Without Compromise

The COMAR team has revised and upgraded existing profiles as part of a programme of innovation where the products have seen constant evaluation and scrutiny. This has included upgrading existing profiles as well as replacing entire systems to ensure that the system's perform to their best.

The 7Pi Doors & 5Pi Advanced windows can achieve U values as low as 0.7 U/wm²K whilst the ladder frame 9Pi system, can reach the same values as a high-performance door system. These products from the COMAR range make it possible to create comfortable interiors and provide stunning aesthetics that will fully maximise natural light.

When it comes to reducing solar gain and the possibility of overheating, particularly during the summer, COMAR high performance frames provide exceptional thermal performance and require minimal maintenance. The proven system is already a popular brand on all types of commercial and new build projects.

As a cost-effective alternative to u-PVCp, overheating from solar gain is minimised with COMAR products, whilst nighttime ventilation and the use of trickle vents reassuringly removes any excess heat and carbon dioxide.

Brian MacDonald continues, “Moving forward, the challenge will be to keep pushing the thermal values without this having a detrimental effect on the overall appearance of the frames. Maintaining sleek lines will be critical to this, to ensure any new systems do not look heavy and bulky when it comes to finished installations.

No doubt all systems companies are working on their own solutions to the FBS regulations as the clock ticks closer to 2025. It will be interesting to see all the conventional and undoubtedly unconventional solutions that will be presented to the market.”

Planned Timeline for 2025 Deadline

Already, COMAR has evaluated all aluminium systems in the portfolio and an outlined Timetable has been developed accordingly. This details the stage changes needed in relation to product performance to meet the 2023 carbon zero requirements for the market.

With at least 300,000 new homes due to be built every year, there is a pressing challenge for the fenestration sector to hit a net-zero target by 2030. For COMAR the company is geared to achieve and better the requisite U values ahead of time.

Brian McDonald concludes, “Systems houses in the UK will find, and in many cases already will have found solutions to reduce U values, without losing the integrity and strength of a conventional aluminium system.

It will take considerable investment in R&D for some as getting things right is essential; 2025 will be the game changer for the sector when it comes to new standards. For many of us this gives a chance to review and rationalise our systems ensuring that the products we bring to the market are current and on point.”

Comar Architectural Aluminium Systems designs and extrudes over 700 aluminium profile sections with a broad range of aluminium windows, doors, curtain walling, window walling and ground floor framing facades. For more information visit the website www.comar-alu.co.uk