**On show at the BAU 2023 trade fair:**

**GEALAN-COMFORT® - Premium solutions for floor-level thresholds**

For years, the GEALAN standard threshold made of PVC and aluminium has proven itself. It has the classic threshold height of 20 mm and already meets the increased requirements for thermal insulation. New from GEALAN: fabricators who already use the proven 20 mm threshold from GEALAN, with its stable and thermally insulating composite of PVC and aluminium, now have the option of easily creating the floor-level premium version GEALAN-COMFORT® - possible for both house and balcony doors in the S 9000 system.

**Planning today for tomorrow: Avoiding the trip hazards of the future right now**

With both threshold variants, GEALAN makes its thoughtful contribution to avoiding tripping hazards and enabling safe movement for everyone in every situation. With the floor-level premium version GEALAN-COMFORT®, it is even barrier-free according to DIN 18040. Those who are already thinking about the future when building or renovating a house can already design sustainable transitions for all generations. In addition, GEALAN-COMFORT® offers an aesthetically sophisticated solution with a flowing transition without a visible threshold.

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**Premium processing, premium possibilities**

The great advantages of the new GEALAN threshold system: no stop, floor-level transitions, maximum system compatibility, highest value. A mechanical drop-down seal from Athmer – proven in about a million test cycles - ensures driving rain tightness and wind tightness. Aluminium tread profiles for level compensation flush with the floor are used in front of the lowering seal. Gap openings between the aluminium profiles are used to drain off any driving rain water via the inclined threshold level into the on-site drainage system. Swivel bolts and strikers specially integrated into the range can be used for the construction of turn-tilt and forend elements with the floor-level threshold.

GEALAN thresholds are also suitable for contour milling. In this way, the transition between the threshold and the frame can be made even more visually appealing.

**Modular system as an advantage for manufacturers**

The design of GEALAN-COMFORT® - based on the 20 mm standard threshold – can be used flexibly in the S 9000 system. This makes the floor-level premium threshold suitable for both renovation projects and new construction to create barrier-free transitions. GEALAN-COMFORT® thus creates real added value to proven GEALAN systems.

The premium threshold solution GEALAN-COMFORT® will be available in the course of 2023.

**Here GEALAN-COMFORT® is used at the GEALAN booth at BAU 2023:**

* GEALAN-LUMAXX® with GEALAN-COMFORT®.

Forend balcony door element from the S 9000 system platform with floor-level threshold solution GEALAN-COMFORT®.

**About GEALAN**

The GEALAN group of companies is one of Europe’s leading manufacturers of PVC profiles for window systems and doors.

GEALAN profiles are designed, manufactured and distributed in-house. They are the basis for making window systems, doors and modern sliding solutions that are strikingly beautiful, exceptionally robust and particularly secure – and equipping them with top thermal insulation values. GEALAN manufactures the extrusion tools used for profile production in its in-house, highly automated tool shop.

As an innovative system provider for PVC window and door profiles, GEALAN can offer its partners a comprehensive range of services. Our architectural consulting and construction engineering services support architects and planners in their everyday work. Intelligent tools simplify planning and tendering. Training courses and seminars bring our partners up to date with the latest GEALAN solutions.

Across Europe, GEALAN employs 1,600 people and generated an annual turnover of EUR 390 million in 2022. Since 2014, GEALAN has been part of the family-run VEKA AG, based in Sendenhorst, Westphalia.