



WINDOW TECHNOLOGY
DOOR TECHNOLOGY
AUTOMATIC ENTRANCE SYSTEMS
BUILDING MANAGEMENT SYSTEMS



INFORMATION FOR PLANNERS, ARCHITECTS AND FABRICATORS

Barrier-free thresholds - universal solutions for enhanced comfort

Securing technology for you





Barrier-free access to buildings – universal threshold solutions for greater comfort

Plan and build barrier-free solutions without changing current production methods and processes: with the new barrier-free thresholds Gretsches-Unitas is offering a certified, interface-independent range of comfort-enhancing products for house entrance doors, balcony-doors and Lift&Slide elements made of timber and PVC.

Benefits for the end customer

- Barrier-free passages for house entrance doors, balcony doors and Lift&Slide doors
- Identical version for all 3 types of doors
- Uniform/harmonious appearance
- Free choice of draining system
- High level of security up to RC 3
- No restrictions on tightness



System solution for balcony-doors and house entrance doors



Energy-efficient installation of doors and balcony-doors can be achieved using the CE-certified, thermally-broken GU system thresholds. The thermal break increases living comfort, as moisture formation in the interior is prevented by constructional design measures. The GU system threshold, including accessories, is available to match different profile systems in the house entrance door and balcony door range so that the fabricators can efficiently install the thresholds in their systems. Thanks to the great number of available depths, the GU system threshold is suitable for almost every installation situation in new buildings and renovation projects.

In addition, strikers can be installed flush in balcony doors, in an area of the threshold that is specially designed for this purpose. This patented additional lock by GU also allows the standard Tilt&Turn hardware to be used with the barrier-free solution. Even Tilt-First is also unproblematic. Furthermore, this solution is even suitable for 2-leaf elements RC 2 / RC 2 N.

Thanks to intelligently thought out harmonised accessories, the threshold can be installed so the bottom area of the door complies with the prevailing standards and regulations.

Balcony-doors

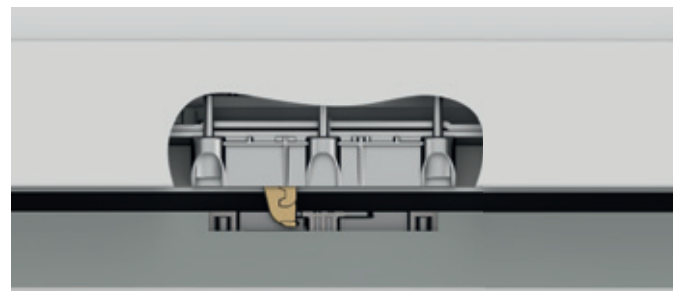
- The patented additional lock by Gretsch-Unitas also allows the standard Tilt&Turn hardware to be used with the barrier-free solution
- Tilt-First is also possible
- Tested security also for 2-sashed elements up to RC 2
- Drip rail depending on profile design with gasket

House entrance doors

- Solutions up to IV88
- 2-sashed solutions also possible
- Usual processing
- Same components as for barrier-free balcony-door
- Tested security up to RC 3



Balcony-door with GU system threshold, barrier-free



Patented locking for balcony-doors



House entrance door with GU system threshold, barrier-free



In the area of Lift&Slide elements, the barrier-free solution can be used with all GU-thermostep 164 and GU-thermostep 204 thresholds. It is system-compatible and identical in appearance to the solution for house entrance doors and balcony-doors. As far as the fabricator is concerned, everything from production through installation in the building remains the same. The components that provide barrier-free passage are simply added.

Lift&Slide elements

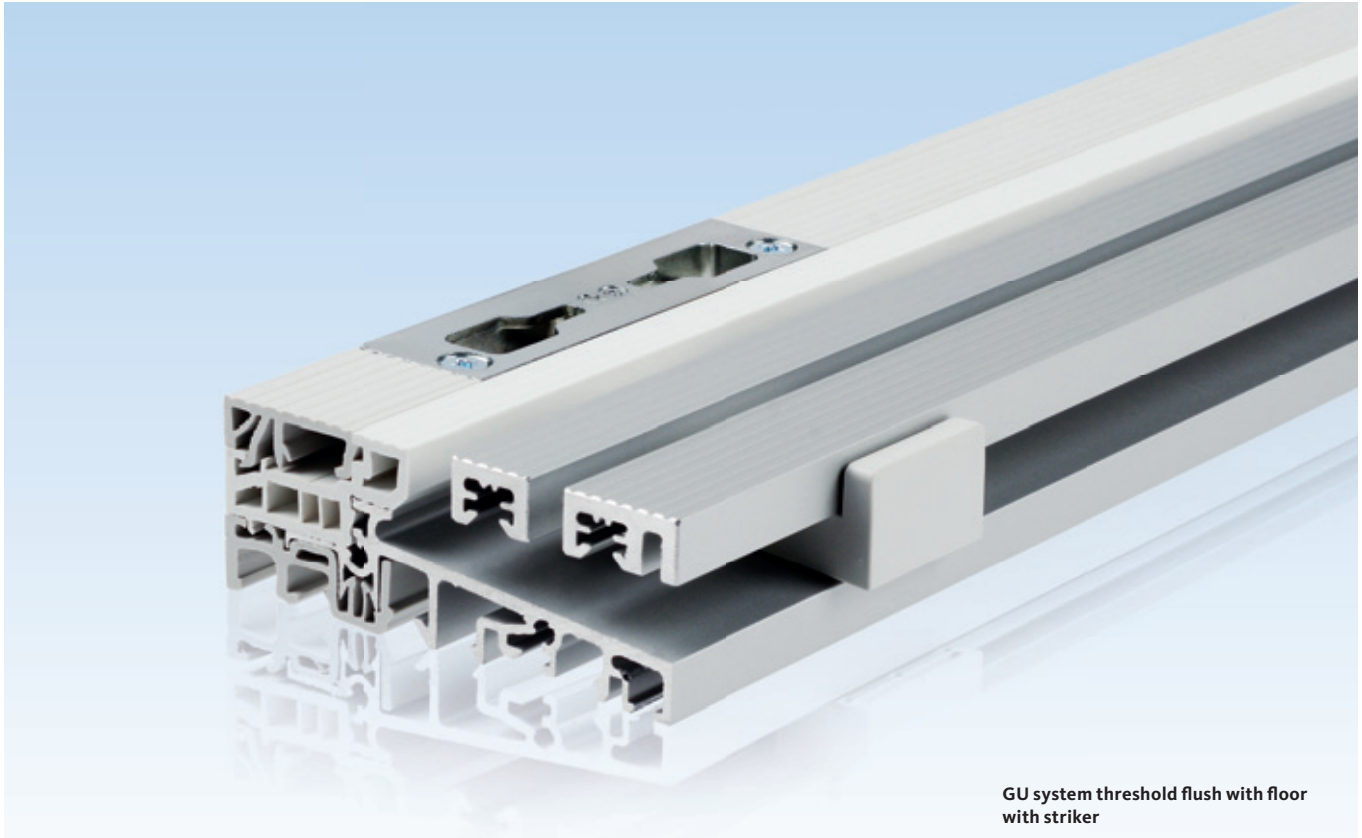
- The accessibility is provided by additional components
- As far as the fabricator is concerned, everything from production through installation in the building remains the same
- Retrofitting in already existing projects possible
- Low maintenance and care due to removable profiles
- The threshold-to-structure connection remains unchanged



Lift&Slide element (timber) with GU-thermostep, barrier-free



Lift&Slide element (PVC) with GU-thermostep, barrier-free



GU system threshold flush with floor with striker

The barrier-free threshold solution from Gretsch-Unitas for house entrance and balcony doors, as well as for Lift&Slide elements made of timber and PVC

The convenience range from Gretsch-Unitas group offers flush-to-floor thresholds as a tested system solution for house entrance doors, balcony doors and Lift&Slide elements, offering a barrier-free solution for the door types mentioned using the same components and with identical appearance.

Architects and planners can now plan and implement real barrier-free solutions. Fabricators can now fabricate barrier-free doors without having to change their production.

Fabricator benefits

- All 3 solutions can be produced using the same components
- The existing threshold designs remain unchanged
- Gaskets and structural connections of the threshold remain unchanged
- Minimal warehousing
- Simple and easy installation
- No additional milling work on the sash





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Gretsch-Unitas GmbH
Baubeschläge
Johann-Maus-Str. 3
71254 Ditzingen, Germany
Tel. +49 7156 301-0
Fax +49 7156 301-77980

BKS GmbH
Heidestr. 71
42549 Velbert
Germany
Tel. +49 2051 201-0
Fax +49 2051 201-9733

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Tel. +49 7156 301-0 | Fax +49 7156 301-293 | www.g-u.com

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