



TurboLux RID verification
General Release
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Hörmann TurboLux Achieves RID-Verified Record as Fastest Spiral Door

Hörmann UK's TurboLux high-speed spiral door has been officially verified by the Record Institute of Germany (RID) as the fastest in its class, achieving opening speeds of up to 4.0 m/s and a closing speed of up to 1.0 m/s. This impressive performance places TurboLux at the forefront of a new generation of high speed, rapid-access doors suitable for logistics centres, warehouses, and high-cycle industrial applications.

Engineered for demanding high traffic environments, TurboLux is purpose-built to handle intensive operational demands - reducing cycle times, minimising air exchange, and maintaining internal environmental control. Its spiral-guided opening mechanism ensures wear-free operation, even at high speeds, contributing to extended service life and reduced maintenance requirements.

A standout feature of the TurboLux door is its door leaf construction, comprising of extruded polycarbonate laths delivering 90% transparency without compromising impact resistance. This design improves visibility, supports safe material handling, streamlines vehicle and personnel movement, and helps to reduce accidents.

Safe operation is engineered into every aspect of the TurboLux door, with an integrated light grille system, embedded within the slimline 250mm side panels, monitoring the doors closing zone up to a height of 2,500mm. This continuous presence detection, combined with a soft-stop feature, ensures the protection of personnel and equipment by preventing abrupt halts or damage in the event of obstructions.

Phil Thorpe, Industrial Division Manager at Hörmann UK, commented: "Our TurboLux doors set a new industry standard for automated access systems. The RID verification confirms its unmatched speed, but just as importantly, its engineering delivers consistent performance,

durability, and safety in high-cycle environments. It's a highly efficient solution for operators requiring maximum uptime and operational control."

TurboLux is available in standard dimensions up to 5,000mm x 5,000mm and can be configured with wind load resistance up to Class 4 (EN 12424), equivalent to wind speeds of 133 km/h, enabling use in both internal and external applications. The slimline side panels allow for installation even in restricted spaces, and the use of pre-assembled components facilitates faster, more efficient on-site fitting.

To find out more about Hörmann visit [High-Speed Doors from Hörmann for economical material flow \(hormann.co.uk\)](http://hormann.co.uk) or call 01530 516868.

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