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EXT: 872

**Test Certificate, file number: 11020209**

**Fire test performed according to EN 1634-1 on a single-leaf wooden swing door  
with underfloor drive by Tormax Landert Motoren AG**

**Type designation: "iMotion 1401"**

Based on the fire test carried out at the notified testing laboratory Materialprüfanstalt Braunschweig (MPA), it can be confirmed that the single-leaf wooden swing door element with underfloor drive of type "iMotion 1401" by company Tormax Landert Motoren AG, Unterweg 14, CH-8180 Bülach, meets the test requirements according to EN 1634-1.

### **Test date:**

The single-leaf wooden swing door with underfloor drive "iMotion 1401" was subject to fire testing in accordance with EN 1634-1 on 8th September 2010 in the laboratory of MPA Braunschweig.

The test specimen was exposed to fire from the operator side for a period of 37 minutes.

### **Underfloor drive for swing doors**

According to the manufacturer's specifications, the underfloor drive for swing doors "iMotion 1401" was an electromechanical underfloor drive either with motor force-opening and spring-closing or spring-opening and motor force-closing, as described in the appendix.



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The fire test of the above mentioned door element with underfloor drive “iMotion 1401” was performed in compliance with the test requirements set down in EN 1634-1. Due to the installation of the underfloor swing door drive “iMotion 1401”, no disadvantages regarding the fire resistance could be determined during the fire load period. It can thus be confirmed that the above-mentioned underfloor swing door drive is suitable for use in fire doors.

Further details can be seen in the enclosed drawings. The exact construction details are known to the testing institute.

***For the installation of the underfloor swing door drive in fire protection doors, the door manufacturer requires approval from an accredited inspection body. Additionally, complementary tests might be necessary in compliance with EN 1634-1 and/or EN 1634-2.***

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Mr. Ulrich STÖCKL  
Official in Charge

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Authorised Signatory

Appendices:  
Design drawings (1 pages)

