

Manufacturer's Declaration of Conformity

We declare that the following products:-

AEM12100, AEM12200, AEM12200/DS Superior Face to Face Fixed Electro-magnetic Locks

have been successfully tested to the following:-

Evidence of Fire Test Compliance

- Fire Tested Report 417165 dated 23rd August 2019 to EN1634-1 on Timber Doors for 30 and 60 mins. on both exposed and unexposed sides of the door.
 - Exova Warrington Fire Test Assessment Report No.432784 dated 27th October 2020
 - 1mm thick intumescent sleeve around the studs within the door leaf to comply with EN1634-1
- Doorset A – 44mm thick – Door leaf comprised of a particleboard core with 6mm hardwood lipping to the vertical edges. The leaf was mounted in a softwood frame – Density 640 kg/m³
- Doorset B – 54mm thick – Door leaf comprised of a particleboard core with 6mm hardwood lipping to the vertical edges. The leaf was mounted in a hardwood frame – Density 640 kg/m³

Evidence of Performance Test

- Certified and tested to TS010:2016 – WTE Report No. 16-032 Dated 25th January 2017
- Classification Code

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- Durability – Grade 7 (200,000 cycles)
- Holding force without Z&L Bracket
 - Grade 4 (Tested Holding Force – 5300N / 1,191lbf / 540kgf)
- Salt Spray Tested – Grade 3 (96 hours)
- Safety – Grade 1 (Safety Bolts)
- Type of Device – Grade A (Face to face fixed Electro-Magnetic Lock)

EMC Directive 89 / 336 / EEC

- Tested by Matrix Test Laboratory, 2F, No. 146 Jian Yi Road, Chung-Ho Dist., New Taipei City, Taiwan R.O.C.
- Certification No. R12041303E-B01 dated 18th April 2012
- EN61000-6-3:2007 + A1:2011 (Emissions)
- EN61000-6-1:2007 (Immunity)
IEC61000-4-2:2008, IEC61000-4-3:2006+A1:2007+A2:2010
IEC61000-4-8:2009



Technical Director
Signed on behalf of Securefast plc

Date : 25th January 2021