

# CERTIFICATE OF CONFORMITY

Issue: 01

Certificate number: **ESL-25-11896**

Pursuant to provisions of the Certification scheme on Global Conformity Certification of fire and life safety products (CS-GCC, scheme type 5), Emirates Safety Laboratory hereby grants this certificate of conformity to the product described below:

**Fire-rated wooden doorset, type: ABANOS-LSASD-FD90-0054-25-13**

Placed on the market under the name or trade mark of:

**Abanos Furniture & Decoration Industry LLC**  
**P.O. Box 114480**  
**Dubai Investment Park 1**  
**Dubai, United Arab Emirates**

Manufactured in the following location(s):

**Abanos Furniture & Decoration Industry LLC**  
**P.O. Box 114480**  
**Dubai Investment Park 1**  
**Dubai, United Arab Emirates**

Complies with the requirements of the standard(s) as detailed below:

**EN 1634-1:2014 + A1:2018** Fire resistance and smoke control tests for door and shutter assemblies, openable windows and elements of building hardware - Part 1: Fire resistance test for door and shutter assemblies and openable windows

The certificate was first issued on **31 July 2025** and remains valid under the condition that the Certificate Holder fulfils the requirements of the agreement on certification supervision no. **0489/SA/25**.

  
Signed for ESL

**Tomasz Kielbasa**  
Certification Manager

**31 July 2025**  
Date of issue

**30 July 2028**  
Expiry date

This Certificate remains valid till date stated above, unless suspended, withdrawn or terminated. This certificate will not be valid if the manufacturer makes any changes affecting product conformity, which have not been notified to, and agreed in writing with ESL. This Certificate is an electronic document and shall not be reproduced (in any form) except in full. Certificate holder is under an obligation to make references to issued certificate only in conjunction with product(s) that conform to evaluated product construction. Prior to use of this certificate, please verify its validity at ESL directory

Emirates Safety Laboratory (ESL)  
240 Al Awir Road, Warsan 3, Mushraif, Dubai, United Arab Emirates  
T: +971 4 520 1800, E: ask@eslglobal.com





## Appendix to Certificate of Conformity

No: **ESL-25-11896**Issue: **01**

## CERTIFIED PRODUCT:

**Product Description:**

The 'Fire-rated wooden doorset, type: ABANOS-LSASD-FD90-0054-25-13' is made using components such as a PSB (palm strand board) fire core, hardwood frame, intumescent seals, adhesive, and door hardware such as concealed door closers, concealed hinges, mortise lock, cylinder, lever handle and the drop seal.

**Product Details:**

| Fire Test Results (Bi-directional)                               |  |
|--|--|
| Fire Resistance rating up to <b>90 minutes</b>                   |  |
| Product Description  | Maximum Allowable Size   |
| Fire-rated wooden doorset,<br>type: ABANOS-LSASD-FD90-0054-25-13 | Maximum frame size:<br>2950 mm x 1084 mm x 150 mm (H x W x Jamb depth)<br><br>Maximum leaf size (without architrave):<br>2900 mm x 994 mm x 65 mm (H x W x thick.) |

  
Signed for ESLTomasz Kielbasa  
Certification Manager31 July 2025  
Date of issue30 July 2028  
Expiry date

This Certificate remains valid till date stated above, unless suspended, withdrawn or terminated. This certificate will not be valid if the manufacturer makes any changes affecting product conformity, which have not been notified to, and agreed in writing with ESL. This Certificate is an electronic document and shall not be reproduced (in any form) except in full. Certificate holder is under an obligation to make references to issued certificate only in conjunction with product(s) that conform to evaluated product construction. Prior to use of this certificate, please verify its validity at ESL.directory

Emirates Safety Laboratory (ESL)  
240 Al Awir Road, Warsan 3, Mushraif, Dubai, United Arab Emirates  
T: +971 4 520 1800, E: ask@eslglobal.com



## Appendix to Certificate of Conformity

No: **ESL-25-11896**

Issue: **01**

| COMPONENTS                         | SPECIFICATION  |
|------------------------------------|--|
| <b>REBATED DOOR COMPONENTS</b>     |  |
| Door Core                          | <p>Manufacturer: Al Talah Board Manufacturing Co. Ltd, Abu Dhabi<br/> Brand: DesertBoard; Model: 32 mm Fire-Rated PSB Door Core<br/> Min. density: 800 kg/m<sup>3</sup>; Moisture content: 8-12%</p> <p>Overall core thickness: 64 mm<br/> (32mm x 2 layers of the core bonded using synthetic resin adhesive)</p>   |
| Adhesive<br>(for core bonding)     | <p>Manufacturer: Pidilite Industries Ltd, India<br/> Brand: Fevicol SWR super synthetic resin adhesive.</p>  |
| Lipping                            | <p>Material: Mahogany (minimum density - 750 kg/m<sup>3</sup>)<br/> Lipping method: Using Edge-banding machine;<br/> 21mm on three sides and 3 mm thick lipping on the door bottom.<br/> Lipped using 'Kleiberit 707.9' PUR hotmelt adhesive.</p>  |
| Intumescent Seal<br>(x 1)          | <p>Manufacturer: Athmer oHG, Germany;<br/> Dimension: 20 x 4 mm thick; Model: FP 2004<br/> Description: PVC encapsulated graphite-based seal.<br/> It shall be fixed on all three sides, except the door bottom.</p>   |
| Intumescent Seal<br>(x 2)          | <p>Manufacturer: Athmer oHG, Germany;<br/> Dimension: 22 x 2 mm thick self-adhesive graphite liner<br/> Fixed on the door bottom only.</p>   |
| Intumescent Coating                | <p>Manufacturer: MVL Firestop Building Materials Trading LLC, Dubai<br/> Brand: FCC-9000 Flame Core Coat, a water-based coating.<br/> Number of coats: one (1); Total coating thickness: 1 mm<br/> Application: All sides of the leaf, including edges.</p>  |
| <b>FRAME COMPONENTS</b>            |  |
| Door Frame                         | <p>Frame material: Mahogany (minimum density 750 kg/m<sup>3</sup>)<br/> Frame profile: face 60   42 mm, non-rebated frame<br/> Frame cross-section: 60 mm wide x 150 mm jamb depth.<br/> Frame fixing method: Mitered joints - using 2" long screws, and using Ritver PVA wood glue, PW1612. A silicone rubber gasket from 'Athmer' is pressure-fitted to the door stopper. Model: PS1212 P Flex (P160136)</p> |
| Adhesive<br>(to bond frame pieces) | <p>Manufacturer: Klebchemie M. G Becker GmbH &amp; Co, Germany<br/> Brand: Kleiberit 501.0 PUR adhesive</p>  |
| Intumescent Seal<br>(x 2)          | <p>Manufacturer: Athmer, UK;<br/> Dimension: 20 x 4 mm thick; Model: Athmer FP 2004<br/> Description: PVC encapsulated graphite-based seal.<br/> It shall be fixed on all three sides of the frame.</p>  |




Signed for ESL

Tomasz Kielbasa  
Certification Manager

31 July 2025  
Date of issue

30 July 2028  
Expiry date

This Certificate remains valid till date stated above, unless suspended, withdrawn or terminated. This certificate will not be valid if the manufacturer makes any changes affecting product conformity, which have not been notified to, and agreed in writing with ESL. This Certificate is an electronic document and shall not be reproduced (in any form) except in full. Certificate holder is under an obligation to make references to issued certificate only in conjunction with product(s) that conform to evaluated product construction. Prior to use of this certificate, please verify its validity at ESL.directory



## Appendix to Certificate of Conformity

No: **ESL-25-11896**

Issue: **01**

|                            |  |
|----------------------------|--|
| Architrave                 | Dimension: 18 x 60 mm thick (unexposed & exposed side)<br>Manufacturer: Al Talah Board Manufacturing Co. Ltd, Abu Dhabi<br>Brand: Desert Board; Model: 18 mm PSB FR fire core<br>Min. density: 800 kg/m <sup>3</sup> ; Moisture content: 8-12%   |
| Intumescent Coating        | Manufacturer: MVL Firestop Building Materials Trading LLC, Dubai<br>Brand: FCC-9000 Flame Core Coat, a water-based coating.<br>Number of coats: one (1); Total coating thickness: 1 mm approximately<br>Application: all sides of the frame, excluding the rebate section & back of the frame. |
| <b>HARDWARE COMPONENTS</b> |  |
| Concealed Hinges           | Brand: Cemom, France; Model: Estetic 150<br>Dimension: 200 mm x 32 mm (L x W)<br>Description: Concealed hinges, four (4) quantities<br>Intumescent kit: 2 mm thick hinge pad, Model: IPK/ESTETIC 150 2mm.  |
| Concealed Door Closer      | Brand: Dormakaba, UK; Model: ITS 96,<br>Description: Adjustable Door Closer, EN 2-4<br>Intumescent kit: 2 mm thick closer protection from Athmer, Model: IPK/ITS 96 2mm.   |
| Mortise lock               | Brand: Dormakaba, UK; Model: 289a, Design: 01.153<br>Description: Euro profile mortise sash lock with square strikeplate<br>Backset: 55 mm; C-to-C: 72 mm<br>Latch throw (min): 12.3 mm<br>Intumescent kit: 2 mm thick lock protection from Athmer, Model: IPK/LOCK-2mm                        |
| Cylinder                   | Brand: Dormakaba, UK; Model: DEC60, 68000059<br>Model: 6-pin Euro profile double cylinder, 70 mm in length   |
| Lever Handle               | Brand: Dormakaba, UK; Model: RLH-S-SY02<br>Length: 140 mm; with Euro profile escutcheon Ø 50mm   |
| Drop Seal                  | Brand: Athmer, UK;<br>Model: AD-153-1030, Schall-EX L-14/35-EK,<br>Description: Automatic door bottom;<br>Dimensions: 14 mm (width) x 35 mm (depth)  |

### Notes:

- For detailed technical information on the door and frame construction, including intumescent placement, hardware locations, frame profile, architrave, screw specifications, and more, refer to the associated test report.



  
Signed for ESL

Tomasz Kielbasa  
Certification Manager

31 July 2025  
Date of issue

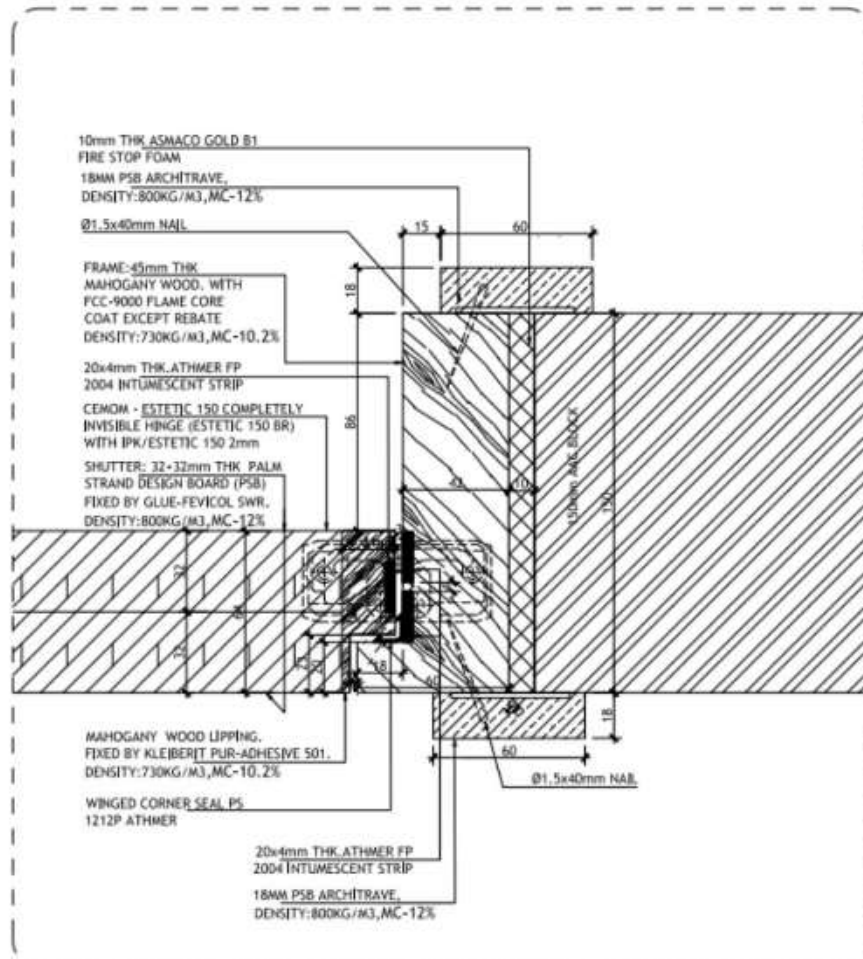
30 July 2028  
Expiry date

This Certificate remains valid till date stated above, unless suspended, withdrawn or terminated. This certificate will not be valid if the manufacturer makes any changes affecting product conformity, which have not been notified to, and agreed in writing with ESL. This Certificate is an electronic document and shall not be reproduced (in any form) except in full. Certificate holder is under an obligation to make references to issued certificate only in conjunction with product(s) that conform to evaluated product construction. Prior to use of this certificate, please verify its validity at ESL.directory

## Appendix to Certificate of Conformity

No: **ESL-25-11896**

Issue: 01



**Fig. 1:** Fire-rated wooden doorset, type: ABANOS-LSASD-FD90-0054-25-13 (non-rebated frames)

Limitations:

1. The dimensions of the doorset must not exceed the maximum allowable size specified.
2. A gap between the frame and the supporting structure not exceeding 10 mm in thickness must be effectively sealed using Asmaco Gold Universal Multifoam (B1).
3. Any modification to the components and dimensions of the doorset without prior written approval from ESL will render this certification void.
4. This certificate applies solely to single swing doors and does not include pairs and double egress doors.

Signed for ESL 

Tomasz Kielbasa  
Certification Manager

31 July 2025  
Date of issue

30 July 2028  
Expiry date

This Certificate remains valid till date stated above, unless suspended, withdrawn or terminated. This certificate will not be valid if the manufacturer makes any changes affecting product conformity, which have not been notified to, and agreed in writing with ESL. This Certificate is an electronic document and shall not be reproduced (in any form) except in full. Certificate holder is under an obligation to make references to issued certificate only in conjunction with product(s) that conform to evaluated product construction. Prior to use of this certificate, please verify its validity at [ESL.directory](http://ESL.directory)



## Appendix to Certificate of Conformity

No: **ESL-25-11896**Issue: **01**

5. The doorset shall be installed in an AAC (autoclaved aerated concrete), solid concrete block wall, masonry, or flexible wall construction.
6. This certificate exclusively covers the fire resistance property of the doorset; it does not pertain to reaction to fire, flame propagation, or any other fire-related properties.

  
Signed for ESLTomasz Kielbasa  
Certification Manager31 July 2025  
Date of issue30 July 2028  
Expiry date

This Certificate remains valid till date stated above, unless suspended, withdrawn or terminated. This certificate will not be valid if the manufacturer makes any changes affecting product conformity, which have not been notified to, and agreed in writing with ESL. This Certificate is an electronic document and shall not be reproduced (in any form) except in full. Certificate holder is under an obligation to make references to issued certificate only in conjunction with product(s) that conform to evaluated product construction. Prior to use of this certificate, please verify its validity at ESL.directory