Certificate of Compliance

You have been awarded:

WH Service Mark 2014 for Category D - Door/frame Assemblies, Doors

Standards: BS 476 Part 22 (1987)

Certificate number: WHI18-28731409

This is a certificate of compliance to certify that the bearer has successfully completed the requirements of the above scheme which include the testing of products, the initial assessment, and are subject to continuing annual assessments of their compliance and testing of samples of products taken from production (as applicable to the scheme) and has been registered within the scheme for the products detailed.

Organization: ARFAD International Industry Company
Building No. 4177, Road 118, 3rd Industrial Area
Al Jubail 35729
Kingdom of Saudi Arabia

Product: Halspan 90 Fire Rated Wood Door Assembly
Spec ID: 33075
Listing Information: See following page(s)

Certification body: Intertek Testing Services NA, Inc.
Initial registration: March 13, 2018
Date of expiry: December 31, 2026
Issue status: 10

Authorized By: _____
Jean-Philippe Kayl, Director of Certification

Intertek Testing Services NA, Inc.
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The certificate and schedule are held in force by regular annual surveillance visits by Intertek Testing Services NA, Inc. and the reader or user should contact Intertek to validate its status. This certificate remains the property of Intertek Testing Services NA, Inc. and must be returned to them on demand. This Certificate is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this certificate. Only the Client is authorized to permit copying or distribution of this certificate and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.

LISTING INFORMATION

PRODUCT COVERED

Halspan 90 Fire Door Assembly for use in fire rated applications per BS 476 Part 22 (1987) for insulation and integrity ratings as specified below.
Insulation: See the table and glazing restrictions below. Insulation rating is dependent on glazing configuration, (See Machining Information section of listing for complete approvals, restrictions, and limitations).

Type		Details
Partially Insulating		Doorsets incorporating up to 20 percent of non-insulating glazing.
Fully Insulating	Timber Frames	Unglazed doorsets or doorsets including 90 minute insulating glazing.
	Steel Frames (Back filled with concrete/mortar)	Unglazed doorsets or doorsets including 90 minute insulating glazing.

Integrity: 90 Minutes

MAXIMUM SIZES AND RATINGS

Allowable Configuration(s)	Maximum Size	Frame Type	Glazing	Overpanel	Intumescent
LSASD ULSASD DASD	990mm wide x 2150mm high (LSASD) 915mm wide x 2300mm high (LSASD) 965mm wide x 2150mm high (ULSASD & DASD) 915mm wide x 2250mm high (ULSASD & DASD)	Hardwood	Yes (Max. 0.56 sq. m)	Yes, Transomed. (Max. height 2000mm)	Yes. (Halspan 90 Intumescent Seal System) Leaf Head: SLS-KIT-102 15 x 6mm seal fitted 40mm in from the exposed face of the leaf. Vertical Edges of Leaf: SLS-KIT-102 15 x 6mm seal fitted 40mm in from the exposed face of the leaf. Frame Head & Jambs: SLS-KIT-102 25 x 6mm seal

					fitted 8mm in from the exposed face of the frame. Bottom Edge of Leaf: SLS-KIT-102 50 x 2mm seal fitted centrally in the bottom edge of the leaves.
LSASD ULSASD DASD	935mm wide x 2134mm high (LSASD) 819mm wide x 2421mm high (LSASD) 910mm wide x 2134mm high (ULSASD & DASD) 819mm wide x 2371mm high (ULSASD & DASD)	Hardwood	Yes (Max. 0.56 sq. m)	Yes, Transomed. (Max. height 2000 mm)	Yes. (Halspan 90 Intumescent Seal System) Leaf Head: SLS-KIT-102 15 x 6mm seal fitted 40mm in from the exposed face of the leaf. Vertical Edges of Leaf: SLS-KIT-102 15 x 6mm seal fitted 40mm in from the exposed face of the leaf. Frame Head & Jambs: SLS-KIT-102 25 x 6mm seal fitted 8mm in from the exposed face of the frame. Bottom Edge of Leaf: SLS-KIT-102 50 x 2mm seal fitted centrally in the bottom edge of the leaves.

LSASD ULSASD	1072mm wide x 2400mm high (LSASD) 1047mm wide x 2450mm high (LSASD) 1047mm wide x 2400mm high (ULSASD)	Hardwood.	Yes (Max. 0.56 sq. m)	Yes, Transomed. (Max. height 2000mm)	Yes. (Halspan 90 Intumescent Seal System) Leaf Head: SLS-KIT-102 15 x 6mm seal fitted 40mm in from the exposed face of the leaf. Vertical Edges of Leaf: SLS-KIT-102 15 x 6mm seal fitted 40mm in from the exposed face of the leaf. Frame Head & Jambs: SLS-KIT-102 25 x 6mm seal fitted 8mm in from the exposed face of the frame. Bottom Edge of Leaf: SLS-KIT-102 50 x 2mm seal fitted centrally in the bottom edge of the leaves.
LSASD ULSASD	915mm wide x 2135mm high (LSASD) 915mm wide x 2097mm high (ULSASD)	Hardwood	Yes (Max. 0.56 sq. m)	Yes, Transomed. (Max. height 2000mm)	Yes. (Halspan 90 Intumescent Seal System) HEAD: 1No. SLS-KIT-501 15 x 4mm strip, fitted 38mm from the opening face in the leaf head. JAMBS: 1No. SLS-KIT-501 15 x 4mm strip, fitted 38mm

					from the opening face in the leaf edge. FRAME HEAD & JAMBS: 1No. SLS-KIT-501 25 x 4mm strip, fitted 8mm from the opening face in the frame reveal. LEAF THRESHOLD: 1No. SLS-KIT-501 50 x 2mm strip, fitted centrally in the bottom edge of the leaf.
LSASD	1020mm wide x 2800mm high	Hardwood	Yes (Max. 0.56 sq. m)	Yes, Transomed. (Max. height 1500mm)	Yes. (Halspan 90 Intumescent Seal System) HEAD: SLS-KIT-101 15 x 6mm strip, fitted 40mm from the opening face in the leaf head. JAMBS: SLS-KIT-101 15 x 6mm strip, fitted 40mm from the opening face in the leaf edge. MEETING EDGES: SLS-KIT-101 15 x 6mm strip, fitted 40mm from the opening face of one leaf and 1No. SLS-KIT-101 25 x 6mm strip, fitted 8mm from the

					opening face of the opposite leaf. FRAME HEAD & JAMBS: SLS-KIT-101 25 x 6mm strip, fitted 8mm from the opening face in the frame reveal. LEAF THRESHOLD: SLS-KIT-101 50 x 2mm strip, fitted centrally in the bottom edge of the leaves.
LSADD ULSADD	940mm wide x 2150mm high (LSADD) 915mm wide x 2200mm high (LSADD) 915mm wide x 2150mm high (ULSADD)	Hardwood.	Yes (0.56 sq. m)	Yes, Transomed. (Max. height 1500mm)	Yes. (Halspan 90 Intumescent Seal System) Leaf Head: SLS-KIT-102 15 x 6mm seal fitted 40mm in from the exposed face of the leaf. Hanging Edges of Leaf: SLS-KIT-102 15 x 6mm seal fitted 40mm in from the exposed face of the leaf. Meeting Edges: SLS-KIT-101 15 x 6mm seal fitted 40mm in from the exposed face of one leaf and 1 No. KIT-101 25 x 6mm seal fitted 8mm in from the

					exposed face of the opposite leaf. Frame Head & Jambs: SLS-KIT-102 25 x 6mm seal fitted 8mm in from the exposed face of the frame. Bottom Edge of Leaf: SLS-KIT-102 50 x 2mm seal fitted centrally in the bottom edge of the leaves.
LSADD ULSADD	784mm wide x 2137mm high (LSADD) 747mm wide x 2223mm high (LSADD) 759mm wide x 2137mm high (ULSADD) 747mm wide x 2173mm high (ULSADD)	Hardwood.	Yes (Max. 0.56 sq. m)	Yes, Transomed. (Max. height 1500mm)	Yes. (Halspan 90 Intumescent Seal System) Leaf Head: SLS-KIT-102 15 x 6mm seal fitted 40mm in from the exposed face of the leaf. Hanging Edges of Leaf: SLS-KIT-102 15 x 6mm seal fitted 40mm in from the exposed face of the leaf. Meeting Edges: SLS-KIT-101 15 x 6mm seal fitted 40mm in from the exposed face of one leaf and 1 No. KIT-101 25 x 6mm seal fitted 8mm in from the

					exposed face of the opposite leaf. Frame Head & Jambs: SLS-KIT-102 25 x 6mm seal fitted 8mm in from the exposed face of the frame. Bottom Edge of Leaf: SLS-KIT-102 50 x 2mm seal fitted centrally in the bottom edge of the leaves.
LSASD ULSASD DASD	963mm wide x 2135mm high (LSASD) 915mm wide x 2238mm high (LSASD) 938mm wide x 2135mm high (ULSASD and DASD) 915mm wide x 2188mm high (ULSASD and DASD)	Steel (Backfilled with Standard Density Concrete.)	Yes (Max. 0.56 sq. m)	No.	Yes. (Halspan 90 Intumescent Seal System) Frame Head: SLS-KIT-104 60 x 1mm seal lining the frame reveal. Frame Jambs: SLS-KIT-104 60 x 1mm seal lining the frame reveal. Bottom Edge of Leaf: SLS-KIT-104 50 x 2mm seal fitted centrally in the bottom edge of the leaves.
LSADD ULSADD	914mm wide x 2134mm high	Steel. (Backfilled with Standard Density	Yes (Max. 0.56 sq. m)	No.	Yes. (Halspan 90 Intumescent Seal System) Leaf Head:

		Concrete.)			SLS-KIT-105 15 x 2mm seal fitted centrally in each leaf head. Meeting Edges: SLS-KIT-105 25 x 6mm seal fitted 8mm in from the exposed face of one leaf and 1 No. KIT-105 15 x 6mm seal fitted 40mm in from the exposed face of the opposite leaf. Frame Head & Jambs: SLS-KIT-105 60 x 1mm seal lining the frame reveal. Bottom Edge of Leaf: SLS-KIT-105 50 x 2mm seal fitted centrally in the bottom edge of the leaves.
LSASD ULSASD	957mm wide x 2140mm high (LSASD) 914mm wide x 2237mm high (LSASD) 932mm wide x 2140mm high (ULSASD) 914mm	Hardwood.	Yes (Max. 0.56 sq. m)	Yes, Transomed. (Max. height 2000mm)	Yes. (Halspan 90 Intumescent Seal System) Leaf Head: SLS-KIT-102 15 x 6mm seal fitted 40mm in from the exposed face of the leaf. Vertical Edges of Leaf: SLS-KIT-102 15 x 6mm seal fitted 40mm in

	wide x 2187mm high (ULSASD)				from the exposed face of the leaf. Frame Head & Jambs: SLS-KIT-102 25 x 6mm seal fitted 8mm in from the exposed face of the frame. Bottom Edge of Leaf: SLS-KIT-102 50 x 2mm seal fitted centrally in the bottom edge of the leaves.

Please note: Consult Manufacturing and Machining sections of this listing for double acting doorsets and hardware intumescent requirements.

DEFINITION KEY

LSASD - Latched Single Acting Single Doorset
ULSASD - Unlatched Single Acting Single Doorset
DASD - Double Acting Single Doorset
LSADD - Latched Single Acting Double Doorset
ULSADD - Unlatched Single Acting Double Doorset

Please consult Intertek or Halspan with any questions that pertain to the door construction referenced within this listing.