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: WHI18-28731412

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 60 Prima and Halspan 60 Prima Plus Fire Rated Door Assembly
Spec ID: 33281
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 60 Prima and Halspan 60 Prima Plus Particleboard 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 or partially insulating glazing.
Fully Insulating	Timber Frames	Unglazed doorsets or doorsets glazed with 25mm thick Pyrobel.
	Steel Frames (Back filled with concrete/mortar)	Unglazed doorsets or doorsets glazed with 25mm thick Pyrobel.

Integrity: 60 Minutes

MAXIMUM SIZES AND RATINGS

Allowable Configuration(s)	Maximum Size	Frame Type	Glazing	Overpanel	Intumescent
(Prima Plus) LSASD ULSASD	826mm wide x 2189mm high (LSASD) 901mm wide x 2039mm high (LSASD) 826mm wide x 2139mm high (ULSASD) 876mm wide x 2039mm high (ULSASD)	Wood	Yes (Max. 0.5 sq. m)	Yes, Transomed. (Max. height 2000mm)	Yes. (Halspan Type SLS) Head: 2 No 15 x 4mm spaced 8mm apart and centrally fitted in the frame reveal or leaf edge. Jambs: 2 No 15 x 4mm spaced 8mm apart and centrally fitted in the frame reveal or leaf edge.
(Prima Plus) LSADD ULSADD	826mm wide x 2089mm high (LSADD) 851mm wide x 2039mm high (LSADD) 826mm wide x	Wood	Yes (Max. 0.5 sq. m)	Yes, Transomed. (Max. height 1500 mm)	Yes. (Halspan Type SLS) Head: 2 No 15 x 4mm spaced 8mm apart and centrally fitted in the frame reveal or leaf edge. Meeting Edges: 2 No 15

	2039mm high (ULSADD)				x 4mm spaced 8mm apart and centrally fitted in one meeting edge only. Jambs: 2 No 15 x 4mm spaced 8mm apart and centrally fitted in the frame reveal or leaf edge.
(Prima) LSASD ULSASD DASD	915mm wide x 2303mm high (LSASD) 948mm wide x 2135mm high (LSASD) 915mm wide x 2253mm high (ULSASD & DASD) 923mm wide x 2135mm high (ULSASD & DASD)	Wood.	Yes (Max. 0.82 sq. m) See Machining Details for 1.31 sq. m option.	Yes, Transomed. (Max. height 2000mm)	Yes. (PVC Encapsulated Palusol 100 or Type 617) Head: 1 No 20 x 4mm exposed and centrally fitted in the frame reveal. Jambs: 1 No 20 x 4mm exposed and centrally fitted in the frame reveal.
(Prima) LSADD ULSADD DADD	826mm wide x 2203mm high (LSADD) 858mm wide x 2135mm high (LSADD) 826mm wide x 2153mm high (ULSADD & DADD) 833mm wide x 2135mm high (ULSADD & DADD)	Wood.	Yes (0.82 sq. m) Please see Machining Details for 1.31 sq. m option.	Yes, Transomed. (Max. height 1500mm)	Yes. (PVC Encapsulated Palusol 100 or Type 617) Head: 1 No 25 x 4mm exposed and fitted centrally in the frame reveal. Meeting Edge (Square): 1 No 25 x 4mm exposed and fitted centrally in one leaf edge only. Meeting Edges (Rebated): 1 No 15 x 4mm exposed and fitted centrally in the rebate of both leaf edges. Jambs: 1 No 25 x 4mm exposed and fitted centrally in the frame

					reveal.
(Prima) LSASD ULSASD DASD	1100mm wide x 2486mm high (LSASD) 1192mm wide x 2300mm high (LSASD) 1100mm wide x 2436mm high (ULSASD & DASD) 1167mm wide x 2300mm high (ULSASD & DASD)	Wood.	Yes. (Max. 0.82 sq. m) See Machining Details for 1.31 sq. m option.	Yes, Transomed. (Max. height 2000mm)	Yes, (PVC Encapsulated 500P or Halspan Type SLS) Head: 2 No 15 x 4mm exposed and fitted 5mm either side of the centerline in the leaf or frame head. Jambs: 2 No 15 x 4mm exposed and fitted 5mm either side of the centerline in the leaf edge or frame reveal.
(Prima) LSASD ULSASD DASD	915mm wide x 2799mm high (LSASD) 1227mm wide x 2130mm high (LSASD) 915mm wide x 2749mm high (ULSASD & DASD) 1202mm wide x 2130mm high (ULSASD & DASD)	Wood.	Yes (Max. 0.82 sq. m) See Machining Details for 1.31 sq. m option.	Yes, Transomed. (Max. height 2000mm)	Yes. (PVC Encapsulated Palusol 100, Pyroplex 500P, Type 617, or Halspan Type SLS) Head: 2 No 15 x 4mm exposed and fitted 5mm either side of the centerline in the leaf or frame head. Jambs: 2 No 15 x 4mm exposed and fitted 5mm either side of the centerline in the leaf edge or frame reveal.
(Prima) LSASD ULSASD DASD	1236mm wide x 2735mm high (LSASD) 1384mm wide x 2441mm high (LSASD) 1236mm wide x 2685mm high (ULSASD &	Wood.	Yes (Max. 0.82 sq. m) See Machining Details for 1.31 sq. m option.	Yes, Transomed. (Max. height 2000mm)	Yes. (PVC Encapsulated Type 617) Head: 2 No 15 x 4mm exposed and fitted 5mm either side of the centerline in the leaf or frame head. Jambs: 2 No 15 x 4mm exposed and fitted 5mm

	DASD) 1359mm wide x 2441mm high (ULSASD & DASD)				either side of the centerline in the leaf edge or frame reveal.
(Prima) LSASD ULSASD DASD	1236mm wide x 2633mm high (LSASD) 1333mm wide x 2441mm high (LSASD) 1236mm wide x 2583mm high (ULSASD & DASD) 1308mm wide x 2441mm high (ULSASD & DASD)	Wood.	Yes (Max. 0.82 sq. m) See Machining Details for 1.31 sq. m option.	Yes, Transomed. (Max. height 2000mm)	Yes. (PVC Encapsulated Palusol 100) Head: 2 No 15 x 4mm exposed and fitted 5mm either side of the centerline in the leaf or frame head. Jambs: 2 No 15 x 4mm exposed and fitted 5mm either side of the centerline in the leaf edge or frame reveal.
(Prima) LSASD ULSASD DASD	825mm wide x 3050mm high (LSASD) 1000mm wide x 2700mm high (LSASD) 825mm wide x 3000mm high (ULSASD & DASD) 975mm wide x 2700mm high (ULSASD & DASD)	Wood.	Yes (Max. 0.82 sq. m) See Machining Details for 1.31 sq. m option.	Yes, Transomed. (Max. height 2000mm)	Yes. (PVC Encapsulated Palusol 100, Type 617, Therm-A-Seal, Pyroplex 500P, or Halspan Type SLS) Head: 2 No 15 x 4mm exposed and fitted 5mm either side of the centerline in the leaf or frame head. Jambs: 2 No 15 x 4mm exposed and fitted 5mm either side of the centerline in the leaf edge or frame reveal.
(Prima) LSASD+OP ULSASD+OP DASD+OP	915mm wide x 2699mm high (LSASD+OP) 1177mm wide x 2130mm high (LSASD+OP)	Wood.	Yes (Max. 0.82 sq. m) See Machining Details for	Yes. (Max. height 2000mm)	Yes. (PVC Encapsulated Palusol 100, Type 617, Therm-A-Seal, Pyroplex, 500P, or Halspan Type SLS) Head (Square): 1 No 38

	915mm wide x 2649mm high (ULSASD+OP & DASD+OP) 1152mm wide x 2130mm high (ULSASD+OP & DASD+OP)		1.31 sq. m option.		x 4mm exposed and fitted centrally in the leaf or bottom of overpanel. Head (Rebatted): 2 No 15 x 4mm exposed and fitted centrally with one in the rebate and one in the upstand of the overpanel, plus 1 No 10 x 4mm in the corner of the leaf head rebates. Jambs & Overpanel: 2 No 15 x 4mm exposed and fitted 5mm either side of the centerline in the leaf edge or frame reveal.
(Prima) LSASD+OP ULSASD+OP DASD+OP	825mm wide x 2950mm high (LSASD+OP) 950mm wide x 2700mm high (LSASD+OP) 825mm wide x 2900mm high (ULSASD+OP & DASD+OP) 925mm wide x 2700mm high (ULSASD+OP & DASD+OP)	Wood.	Yes (Max. 0.82 sq. m) See Machining Details for 1.31 sq. m option.	Yes. (Max. height 2000mm)	Yes. (PVC Encapsulated Palusol 100, Type 617, Therm-A-Seal, Pyroplex, 500P or Halspan Type SLS) Head (Square): 1 No 38 x 4mm exposed and fitted centrally in the leaf or bottom of overpanel. Head (Rebated): 2 No 15 x 4mm exposed and fitted centrally with one in the rebate and one in the upstand of the overpanel, plus 1 No 10 x 4mm in the corner of the leaf head rebates. Jambs & Overpanel: 2 No 15 x 4mm exposed and fitted 5mm either side of the centerline in the leaf edge or frame reveal.

(Prima) LSADD ULSADD DADD	900mm wide x 2300mm high (LSADD) 975mm wide x 2150mm high (LSADD) 900mm wide x 2250mm high (ULSADD & DADD) 950mm wide x 2150mm high (ULSADD & DADD)	Wood.	Yes (Max. 0.82 sq. m) See Machining Details for 1.31 sq. m option.	Yes, Transomed. (Max. height 1500mm)	Yes. (PVC Encapsulated Palusol 100, Type 617, Therm-A-Seal, Pyroplex, 500P, or Halspan Type SLS) Head (Square): 2 No 15 x 4mm exposed and fitted 5mm either side of the centerline in the leaf or frame head. Meeting Edges (Square): 2 No 15 x 4mm exposed and fitted 5mm either side of the centerline in one leaf edge only. Meeting Edges (Rebated): 2 No 15 x 4mm exposed with each seal fitted centrally in the rebate of each leaf. Jambs: 2 No 15 x 4mm exposed and fitted 5mm either side of the centerline in the leaf edge or frame reveal.
(Prima) LSADD ULSADD DADD	1100mm wide x 2386mm high (LSADD) 1142mm wide x 2300mm high (LSADD) 1100mm wide x 2336mm high (ULSADD & DADD) 1117mm wide x 2300mm high (ULSADD & DADD)	Wood.	Yes (Max. 0.82 sq. m) See Machining Details for 1.31 sq. m option.	Yes, Transomed. (Max. height 1500mm)	Yes. (PVC Encapsulated 500P or Halspan Type SLS) Head: 2 No 15 x 4mm exposed and fitted 5mm either side of the centerline in the leaf or frame head. Meeting Edges (Square): 2 No 15 x 4mm exposed and fitted 5mm either side of the centerline in one leaf edge only.

					Jambs: 2 No 15 x 4mm exposed and fitted 5mm either side of the centerline in the leaf edge or frame reveal.
(Prima) LSADD ULSADD DADD	825mm wide x 2850mm high (LSADD) 900mm wide x 2700mm high (LSADD) 825mm wide x 2800mm high (ULSADD & DADD) 875mm wide x 2700mm high (ULSADD & DADD)	Wood.	Yes (Max. 0.82 sq. m) See Machining Details for 1.31 sq. m option.	Yes, Transomed. (Max. height 1500mm)	Yes. (PVC Encapsulated Palusol 100, Type 617, Therm-A-Seal, Pyroplex, 500P, or Halspan Type SLS) Head: 2 No 15 x 4mm exposed and fitted 5mm either side of the centerline in the leaf or frame head. Meeting Edges (Square): 2 No 15 x 4mm exposed and fitted 5mm either side of the centerline in one leaf edge only. Meeting Edges (Rebated): 2 No 15 x 4mm exposed with each seal fitted centrally in the rebate of each leaf. Jambs: 2 No 15 x 4mm exposed and fitted 5mm either side of the centerline in the leaf edge or frame reveal.
(Prima) LSADD+OP ULSADD+OP DADD+OP	900mm wide x 2200mm high (LSADD+OP) 925mm wide x 2150mm high (LSADD+OP) 900mm wide x 2150mm high	Wood.	Yes (Max. 0.82 sq. m) See Machining Details for 1.31 sq. m option.	Yes. (Max. height 1500mm)	Yes. (PVC Encapsulated Palusol 100, Type 617, Therm-A-Seal, Pyroplex, 500P, or Halspan Type SLS) Head (Square): 1 No 38 x 4mm exposed and fitted centrally in the

	(ULSADD+OP & DADD+OP)				leaf or bottom of overpanel. Head (Rebated): 2 No 15 x 4mm exposed and fitted centrally with one seal in the rebate and one seal in the upstand of the overpanel, plus 1 No 10 x 4mm in the corner of the leaf head rebates (maximum leaf height with rebates is 2200mm). Meeting Edges (Square): 2 No 15 x 4mm exposed and fitted 5mm either side of the centerline in one leaf edge, and 1 No 10 x 4mm fitted centrally in the opposite leaf. Jambs & Overpanel (overpanel intumescent is optional): 2 No 15 x 4mm exposed and fitted 5mm either side of the centerline in the leaf edge or frame reveal.
(Prima) LSADD+OP ULSADD+OP DADD+OP	825mm wide x 2750mm high (LSADD+OP) 850mm wide x 2700mm high (LSADD+OP) 825mm wide x 2700mm high (ULSADD+OP & DADD+OP)	Wood.	Yes (Max. 0.82 sq. m) See Machining Details for 1.31 sq. m option.	Yes. (Max. height 1500mm)	Yes. (PVC Encapsulated Palusol 100, Type 617, Therm-A-Seal, Pyroplex, 500P, or Halspan Type SLS) Head (Square): 1 No 38 x 4mm exposed and fitted centrally in the leaf or bottom of overpanel. Head (Rebated): 2 No 15 x 4mm exposed and fitted centrally with one

					seal in the rebate and one seal in the upstand of the overpanel, plus 1 No 10 x 4mm in the corner of the leaf head rebates (maximum leaf height with rebates is 2200mm). Meeting Edges (Square): 2 No 15 x 4mm exposed and fitted 5mm either side of the centerline in one leaf edge, and 1 No 10 x 4mm fitted centrally in the opposite leaf. Jambs & Overpanel (overpanel intumescent is optional): 2 No 15 x 4mm exposed and fitted 5mm either side of the centerline in the leaf edge or frame reveal.
(Prima) LSASD ULSASD DASD	826mm wide x 2345mm high (LSASD) 953mm wide x 2042mm high (LSASD) 826mm wide x 2295mm high (ULSASD & DASD) 928mm wide x 2042mm high (ULSASD & DASD)	Steel.	Yes (Max. 0.82 sq. m) See Machining Details for 1.31 sq. m option.	No.	Yes. Head: H60. Jambs: H60.

(Prima) LSASD+OP ULSASD+OP DASD+OP	826mm wide x 2192mm high (LSASD+OP) 901mm wide x 2042mm high (LSASD+OP) 826mm wide x 2142mm high (ULSASD+OP & DASD+OP) 876mm wide x 2042mm high (ULSASD+OP & DASD+OP)	Steel.	Yes (Max. 0.82 sq. m) See Machining Details for 1.31 sq. m option.	Yes. (Max. height 500mm)	Yes. (Therm-A-Seal) Head (Square): 1 No 38 x 4mm exposed and fitted centrally in the leaf or bottom of overpanel. Head (Rebated): 2 No 15 x 4mm exposed and fitted centrally with one seal in the rebate and one seal in the upstand of the overpanel, plus 1 No 10 x 4mm in the corner of the leaf head rebates. Jambs & Overpanel: H60.
(Prima) LSADD ULSADD DADD	903mm wide x 2042mm high (LSADD) 826mm wide x 2245mm high (LSADD) 826mm wide x 2195mm high (ULSADD & DADD) 888mm wide x 2042mm high (ULSADD & DADD)	Steel.	Yes (Max. 0.82 sq. m) See Machining Details for 1.31 sq. m option.	No.	Yes. (Therm-A-Seal) Head: H60. Meeting Edges (Square): 2 No 10 x 4mm exposed and fitted 5mm either side of the centerline in one leaf edge and 1 No 10 x 4mm fitted centrally in the opposite leaf. Jambs: H60.
(Prima) LSADD+OP ULSADD+OP DADD+OP	851mm wide x 2042mm high (LSADD+OP) 826mm wide x 2092mm high (LSADD+OP) 826mm wide x 2042mm wide (ULSADD+OP & DADD+OP)	Steel.	Yes (Max. 0.82 sq. m) See Machining Details for 1.31 sq. m option.	Yes. (Max. height 500mm)	Yes. (Therm-A-Seal) Head (Square): 1 No 38 x 4mm exposed and fitted centrally in the leaf or bottom of overpanel. Head (Rebated): 2 No 15 x 4mm exposed and fitted centrally with one seal in the rebate and

					one seal in the upstand of the overpanel, plus 1 No 10 x 4mm in the corner of the leaf head rebates. Meeting Edges (Square): 2 No 10 x 4mm exposed and fitted 5mm either side of the centerline in one leaf edge and 1 No 10 x 4mm fitted centrally in the opposite leaf. Jambs & Overpanel: H60.
(Prima) LSASD ULSASD DASD	1105mm wide x 2462mm high (LSASD) 1274mm wide x 2135mm high (LSASD) 1105mm wide x 2412mm high (ULSASD & DASD) 1248mm wide x 2135mm high (ULSASD & DASD)	Steel. Backfilled with concrete or mortar.	Yes (Max. 0.82 sq. m) See Machining Details for 1.31 sq. m option.	No.	Yes. (Therm-A-Seal) Head (Square): 1 No 38 x 4mm exposed and fitted centrally in the leaf or frame head. Jambs: 1 No 38 x 4mm exposed and fitted centrally in the leaf edge or frame reveal.
(Prima) LSASD+OP ULSASD+OP DASD+OP	800mm wide x 2285mm high (LSASD+OP) 875mm wide x 2135mm high (LSASD+OP) 800mm wide x 2235mm high (ULSASD+OP & DASD+OP) 850mm wide x 2135mm high	Steel. Backfilled with concrete or mortar.	Yes (Max. 0.82 sq. m) See Machining Details for 1.31 sq. m option.	Yes. (Max. height 500mm)	Yes. (Therm-A-Seal) Head (Square): 1 No 38 x 4mm exposed and fitted centrally in the leaf or bottom of the overpanel. Head (Rebated): 2 No 15 x 4mm exposed and fitted centrally with one seal in the rebate and one seal in the upstand of the overpanel, plus 1

	(ULSASD+OP & DASD+OP)				No 10 x 4mm in the corner of the leaf head rebates. Jambs & Overpanel: 1 No 38 x 4mm exposed and fitted centrally in the leaf edge or frame reveal.
(Prima) LSADD ULSADD DADD	800mm wide x 2505mm high (LSADD) 945mm wide x 2135mm high (LSADD) 800mm wide x 2455mm high (ULSADD & DADD) 920mm wide x 2135mm high (ULSADD & DADD)	Steel. Backfilled with concrete or mortar.	Yes (Max. 0.82 sq. m) See Machining Details for 1.31 sq. m option.	No.	Yes. (Therm-A-Seal) Head: 1 No 38 x 4mm exposed and fitted 5mm either side of the centerline in one leaf edge and 1 No 10 x 4mm fitted centrally in the opposite leaf. Meeting Edges (Square): 2 No 10 x 4mm exposed and fitted 5mm either side of the centerline in one leaf edge and 1 No 10 x 4mm fitted centrally in the opposite leaf.. Jambs: 1 No 38 x 4mm exposed and fitted centrally in the leaf edge or frame reveal.
(Prima) LSADD+OP ULSADD+OP DADD+OP	800mm wide x 2185mm high (LSADD+OP) 825mm wide x 2135mm high (LSADD+OP) 800mm wide x 2135mm high (ULSADD+OP & DADD+OP)	Steel. Backfilled with concrete or mortar.	Yes (Max. 0.82 sq. m) See Machining Details for 1.31 sq. m option.	Yes. (Max. height 500mm)	Yes. (Therm-A-Seal) Head (Square): 1 No 38 x 4mm exposed and fitted centrally in the leaf or bottom of the overpanel. Head (Rebated): 2 No 15 x 4mm exposed and fitted centrally with one seal in the rebate and one seal in the upstand of the overpanel, plus 1

					No 10 x 4mm in the corner of the leaf head rebates. Meeting Edges (Square): 2 No 10 x 4mm exposed and fitted 5mm either side of the centerline in one leaf edge and 1 No 10 x 4mm fitted centrally in the opposite leaf. Jambs & Overpanel: 1 No 38 x 4mm exposed and fitted centrally in the leaf / overpanel edge or frame reveal.

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

DEFINITION KEY

LSASD - Latched Single Acting Single Doorset
ULSASD - Unlatched Single Acting Single Doorset
DASD - Double Acting Single Doorset
LSASD+OP - Latched Single Acting Single Doorset with Overpanel
ULSASD+OP - Unlatched Single Acting Single Doorset with Overpanel
DASD+OP - Double Acting Single Doorset with Overpanel
LSADD - Latched Single Acting Double Doorset
ULSADD - Unlatched Single Acting Double Doorset
DADD - Double Acting Double Doorset
LSADD+OP - Latched Single Acting Double Doorset with Overpanel
ULSADD+OP - Unlatched Single Acting Double Doorset with Overpanel

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