Certificate of Compliance

You have been awarded:

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

Standards: BS 476 Part 22 (1987), BS 476 Part 20 (1987)

Certificate number: WHI22-28731444

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: RAMKOR - FD90 Plus - 90 Minute Fire-Rated Particle Board Core Door
Spec ID: 42984
Fire Rating: 1-1/2 Hour Fire Rating
Listing Information: See following page(s)

Certification body: Intertek Testing Services NA, Inc.
Initial registration: October 22, 2022
Date of expiry: December 31, 2026
Issue status: 5

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

Intertek Testing Services NA, Inc.
545 E. Algonquin Road, Ste H., Arlington Heights, IL 60005 USA
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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

RAMKOR FD90 Plus - 90 Minute Fire-Rated Particle Board Core Door.

Product Description

Double leaf single acting doorset in wood frame:

Door leaf core - Ramkor FD90 Plus - 64mm thick
Door frame - Hardwood (density - 640 kg/m^3 (minimum))

Door leaf size (active) - 950mm x 2357mm x 64mm (w x h x thk)
Door leaf size (inactive) - 357mm x 2357mm x 64mm (w x h x thk)
Lipping - 10mm maximum thickness, Hardwood (density - 640 kg/m^3 (minimum))

Door Frame size - 1405mm x 2408mm x 140mm (w x h x jamb depth)

Supporting Construction - The door assembly is tested in a masonry wall.

Minimum Latch Throw - 12mm (single point latch on the active leaf).
Top and bottom flush bolts are used on the inactive leaf.
The door handle and single lock cylinder are allowed to be installed only on the pull side of the door (hinge side).

Single leaf single acting doorset in wood frame:

Door Leaf core - Ramkor FD90 Plus - 64mm thick
Door frame - Hardwood (density - 640 kg/m^3 (minimum))

Door leaf size - 950mm x 2357mm x 64mm (w x h x thk)
Lipping - 10mm maximum thickness, Hardwood (density - 640 kg/m^3 (minimum))

Door frame size - 1045mm x 2408mm x 140mm (w x h x jamb depth)

Supporting Construction - The door assembly is tested in a masonry wall.

Minimum Latch Throw - 12mm
The door handle and single lock cylinder are allowed to be installed only on the pull side of the door (hinge side).

Vision Panels
Steel vision kits – 5mm thick FireLite Glazing pane in the maximum size of 350mm x 450mm (0.1575 sq. m) can be installed with a 20mm edge cover using 1.5mm thick steel glazing beads, bolted to each other through the door core. 64 x 2mm thick Ramglaze Glazing liner and 5mm thick Ramglaze glazing tape (compressed to 3mm) must be used to install the glazing pane.

Hardwood vision kits – Pyrodur EW60-11, Pyroguard EW60-11, Pyran S, FireLite, Pyrodur 105 and Pyrobelite glazing panes in the maximum pane size 200mm x 400mm (0.08 sq. m) can be installed using minimum 35mm high x 28mm depth hardwood (minimum density – 640 kg/m^3) glazing beads fixed with 30mm long counter sunk wood screws at 35° to 45° angle, 130mm c/c horizontally and 150mm c/c vertically, 50mm from corners.

Note - FireLite glazing panes with hardwood glazing beads are allowed for up to 60-Minute Integrity rating only.

Fire Rating

The doorsets have been qualified for following ratings according to BS 476 Part 22 (1987):

Integrity - 90 Minutes
Insulation - 90 Minutes