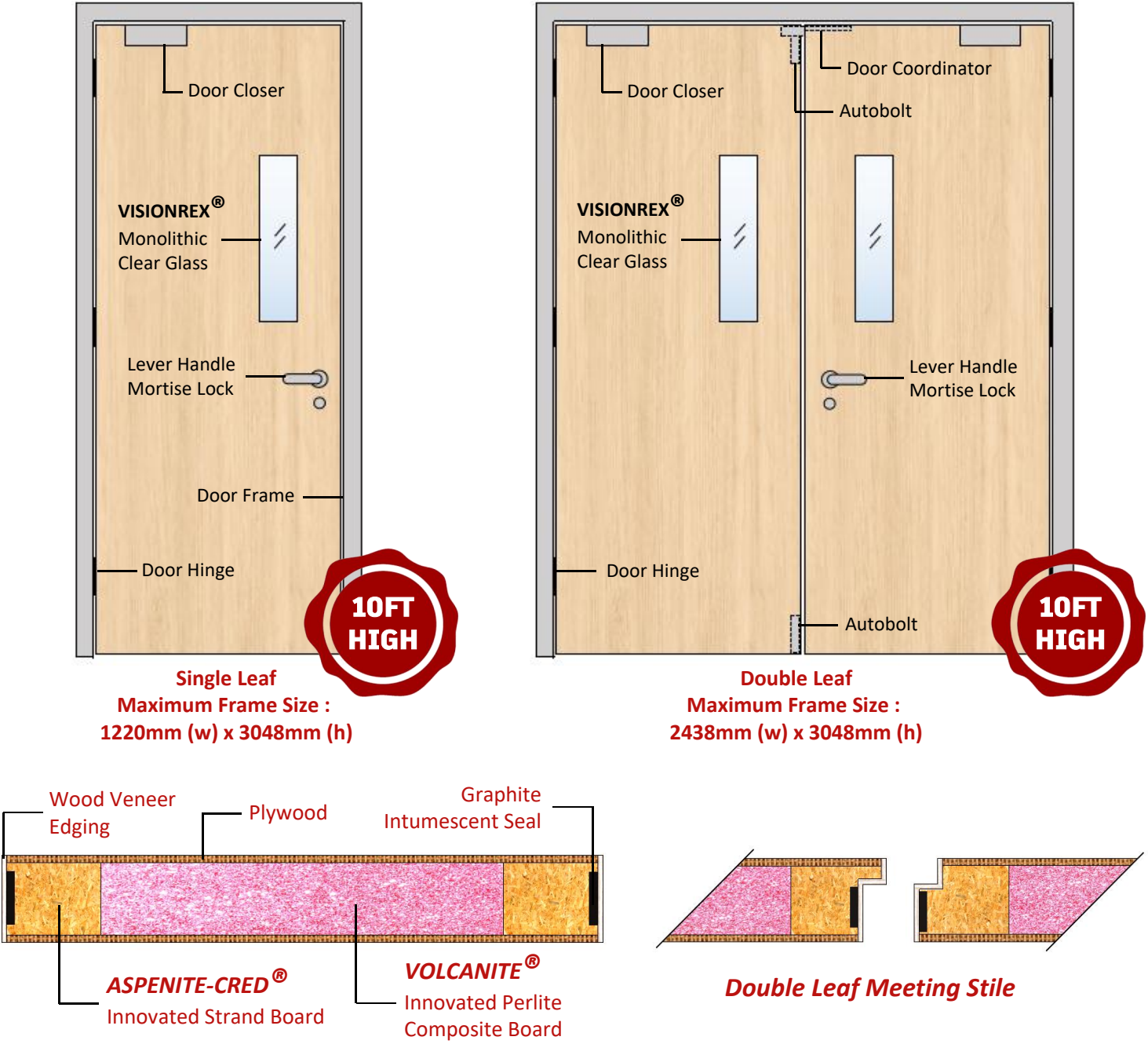




**THE INNOVATIVE
FIRE DOOR SOLUTIONS**

PRODUCT SPECIFICATIONS



	1 HOUR RATING	2 HOUR RATING
Heat Insulation Rating ¹	Up to 69 mins	Up to 86 mins
Door Integrity Rating ¹	> 69 mins	> 150 mins
Door Frame Material	1.2mm thick Electro-Galvanised Steel	1.2mm thick Electro-Galvanised Steel
Door Thickness	± 44mm	± 55mm
Door Weight	Approx. 25kg/m2 or 550kg/m3	Approx. 37kg/m2 or 670kg/m3
Door Surface Finishes	Bare Plywood / Groove Lines / High Pressure Laminate (HPL) / Veneer Plywood	
Door Edge Finishes	Wood Veneer / ABS	

¹ Tested to MS 1073 : PART 3 : 1996 (AMD.1 : 2003)

KEY FEATURES

Veneer Finished Door Edge (Even for 2HR Rating)

- ✓ Fire seal not visible (*covered beneath the veneer finishing*)
- ✓ Easier to spray paint/varnish
- ✓ No more timber lipping
- ✓ No more metal capping

Screw-On Hinge System on Metal Door Frame

- ✓ Easier door installation
- ✓ Aesthetically pleasing (*compared to conventional slot-in and welded method*)

3 Hinges Per Door Leaf

- ✓ Lighter door weight and durable hinge allow the design of 3 hinges only (*even for 3 meter high door*)
- ✓ Easier door installation

TOZUKA® SUS304 Hinges with 2 Ball Bearings (2BB)

- ✓ Greater durability

Lighter Door Weight

- ✓ About 25kg/m2 (1HR rating)
- ✓ About 37kg/m2 (2HR rating)
- ✓ Easier door installation

TOZUKA® Power Size 3 Door Closer with Back Check

- ✓ Lighter door weight allows the usage of smaller size door closer (*even for 3 meter high door*)
- ✓ Better cost saving

Up to 3 Meter (10 Feet) Overall High

- ✓ Cater for all possibilities

VISIONREX® Monolithic Clear Glass Vision Panel

- ✓ High resistance to heat, scratch and abrasion
- ✓ Aesthetically pleasing (*compared to conventional Georgian Wired Glass*)

Larger Vision Panel

- ✓ 105mm x 610mm (0.064m2) clear visible area
- ✓ Increased visibility & safety due to lowered visible area (*compared to conventional 150mm x 300mm wired glass*)

ASPENITE-CRED®

Innovated Strand Board Door Framework

- ✓ No issue of warping or swelling
- ✓ Ensure straightness of door
- ✓ Formaldehyde-free material
- ✓ FSC certified green material

VOLCANITE®

Innovated Perlite Composite Board Core

- ✓ No more MGO board core
- ✓ Lighter weight
- ✓ Formaldehyde-free material
- ✓ FSC certified green material

Plywood Surface (Even for 2HR Rating)

- ✓ Smoother surface, ready to receive other finishes
- ✓ No more MGO board surface (*even for 2HR rating*)



Strategic Partners :

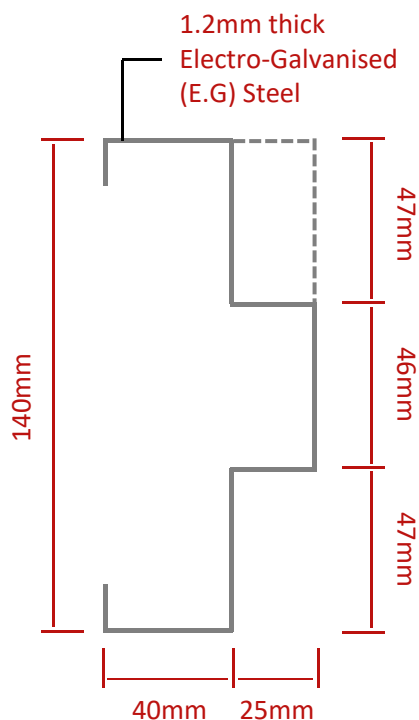
Aspenite-Cred®
An Avant-Garde in Strand Board

VOLCANITE® INSULATION
EARTH MOST TRUSTED

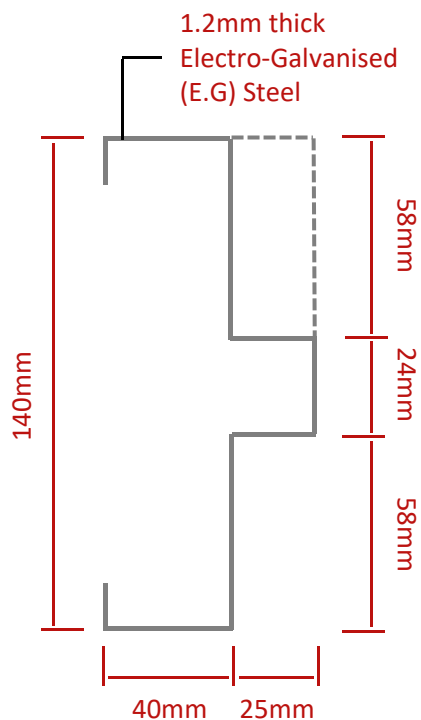
TOZUKA®

Visionrex®

TYPICAL DOOR FRAME PROFILES



1 Hour Rated Metal Door Frame
140mm x 65mm
Double Rebated or Single Rebated



2 Hours Rated Metal Door Frame
140mm x 65mm
Double Rebated or Single Rebated

TOZUKA®

ARCHITECTURAL HARDWARES



TOZUKA® A-163B Size 3
Surface Mount Door Closer
with Back Check



TOZUKA® ASTRA-ET Mortise
Lock Case



TOZUKA® IWPC 70-S / 80-S
Euro Profile Cylinder



TOZUKA® LH-1002 SUS 304
Tubular Lever Handle



TOZUKA® H-014
SUS 304 Butt Hinge
with 2 Ball Bearings



TOZUKA® IWEL-010
Door Coordinator



TOZUKA® IWAB-005
Auto Bolt



TOZUKA® IWDV-200
Door Viewer

TESTIMONIALS AT SIRIM'S LABORATORY



2 HOUR RATING



- Actual door testing specimen of 2 Hour Double Leaf (**facing furnace side**) after passing the fire test.
- Door structure still intact after enduring fire for 150 mins.



1 HOUR RATING

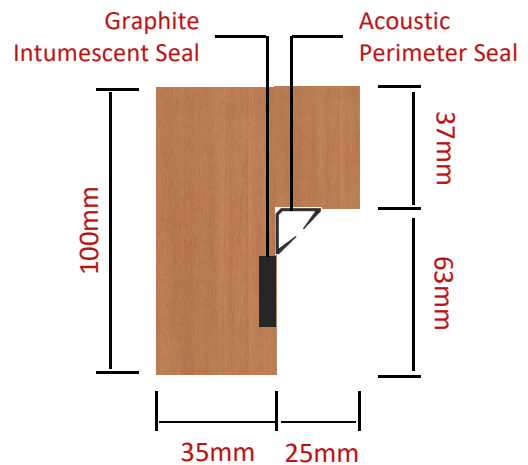


- Actual door testing specimen of 1 Hour Single Leaf (**facing furnace side**) after passing the fire test.
- Door structure still intact after enduring fire for 70 mins.



FIRE RATED ACOUSTIC DOOR

DOOR & FRAME DETAILS



1 HOUR FIRE RATING



43dB ACOUSTIC RATING

ELEVATING THE SAFETY AND PRIVACY

TECHNICAL SPECIFICATIONS

Heat Insulation Rating ¹	70 mins
Door Integrity Rating ¹	70 mins
Acoustic Rating ²	(43 ± 1) dB
Door Overall Size	Up to ± 1300mmW x 2440mmH
Door Frame Material	Hardwood with Density of ± 750 kg/m3
Door Frame Size	± 100mm x 60mm & Above
Door Leaf Material	Multi-layer core system with High Pressure Laminate (HPL) Surface Finish
Door Leaf Thickness	± 60mm
Door Edge Finishes	PVC / ABS

¹ Tested to MS 1073 : PART 3 : 1996 (AMD.1 : 2003)

² Tested to ISO 10140 - 2 : 2010

COMPATIBLE ARCHITECTURAL HARDWARES & FITTINGS



RFID Electronic Hotel Lock



Concealed Door Closer



Slide Arm Door Closer



Butt Hinge w/ Ball Bearings



Concealed Hinge



Concealed Door Guard



Concealed Bottom Drop Seal



Door Viewer



Acoustic Perimeter Seal



Sin Choong Yan Woodwork Sdn Bhd

新忠源木業有限公司

(Co. No.: 464930-X)

Factory & Office address:

Lot 31777, Jalan Ulu Chemor,
31200 Chemor, Perak,
Malaysia.



: Sin Choong Yan Woodwork Sdn Bhd

Tel / Fax: +605-2017989 / +605-2015990

Email: scywwsb@gmail.com / scywwsb@hotmail.com

Website: www.scydoor.com.my

Corporate Management System Certifications:



CERTIFIED TO ISO 9001:2015
CERT NO: QMS 03368



Product Tested & Certified By:

