ROOFSEAL
GROUP OF COMPANIES

Sealframe™
Customisable Metal Door Frames

# Customisable Metal Door Frames

For brick wall, shear wall & pre-cast system.



# Sealframe™ Metal Door Frames

Sealframe™ door frames offer economical and reliable choice for various uses. These door frames can be designed to suit various wall sizes and hardware specifications.

**Feature & Characteristics:**

- Fast & simple installation
- No additional surface preparation & readily paintable
- Higher cost effectiveness & more economical than timber frames
- Consistent quality in strength, will not warp, shrink, twist, rot or suffer from termite attacks
- Non-Combustible material
- Light weight - easier handling and installation. Less labor intensive
- Become an integral part of the wall, add to its strength, less maintenance, easy to paint and good security level
- Frames can come complete with hinges, cylindrical lockset metal striker plates and built-in architrave

## Material

- Electro Galvanised (EG)
- Hot Dipped Galvanised (GI)
- Galvaneal (GA)
- Zincalume (ZcL)

## Tolerance

- Thickness for material: ±0.05mm
- Overall profile cross section width: ±3mm

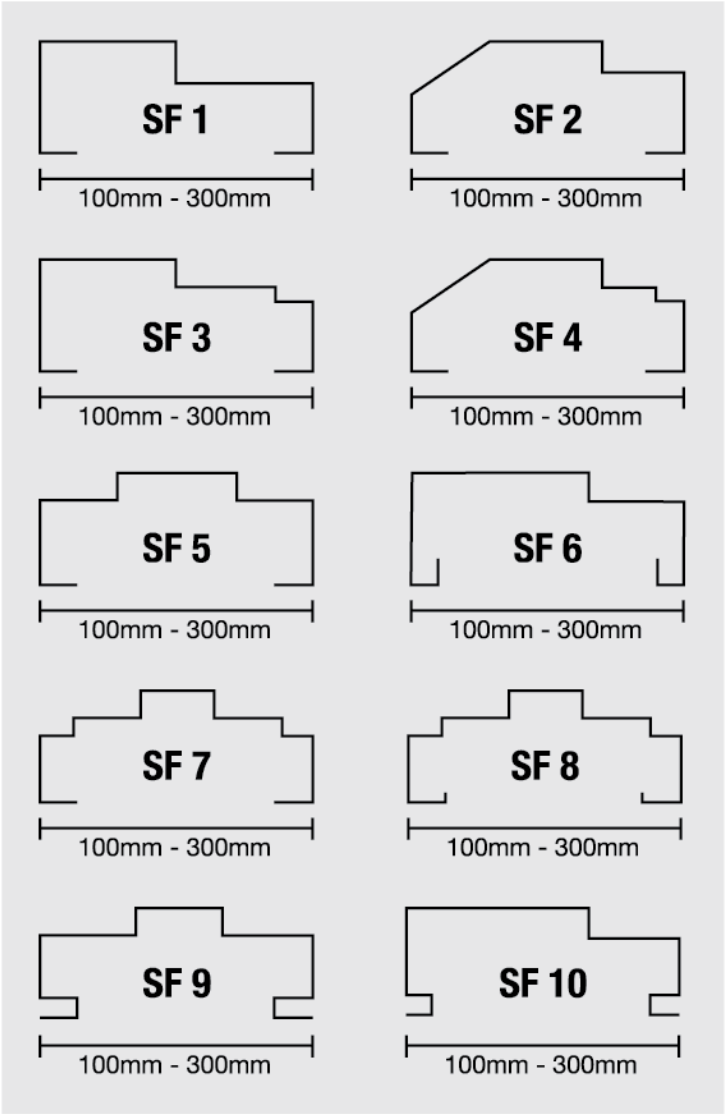
## Hardware

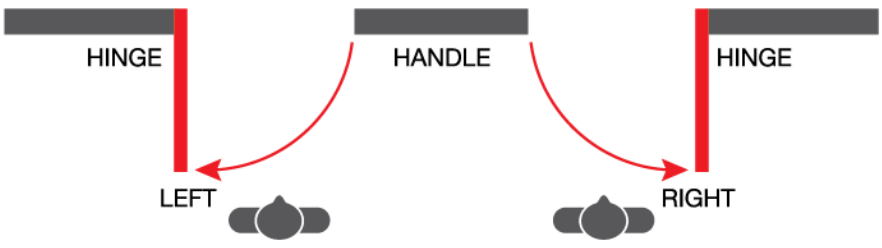
- Plated hinges 100mm (screw on with 4pcs of screw or welded)
- Welded mortar box (for screw on hinge system & mortise lockset)
- Metal striker plate c/w striker plate cover (for cylindrical lockset)
- Wire ties
- Spreader bars

## Ordering Procedure

Please specify when ordering:

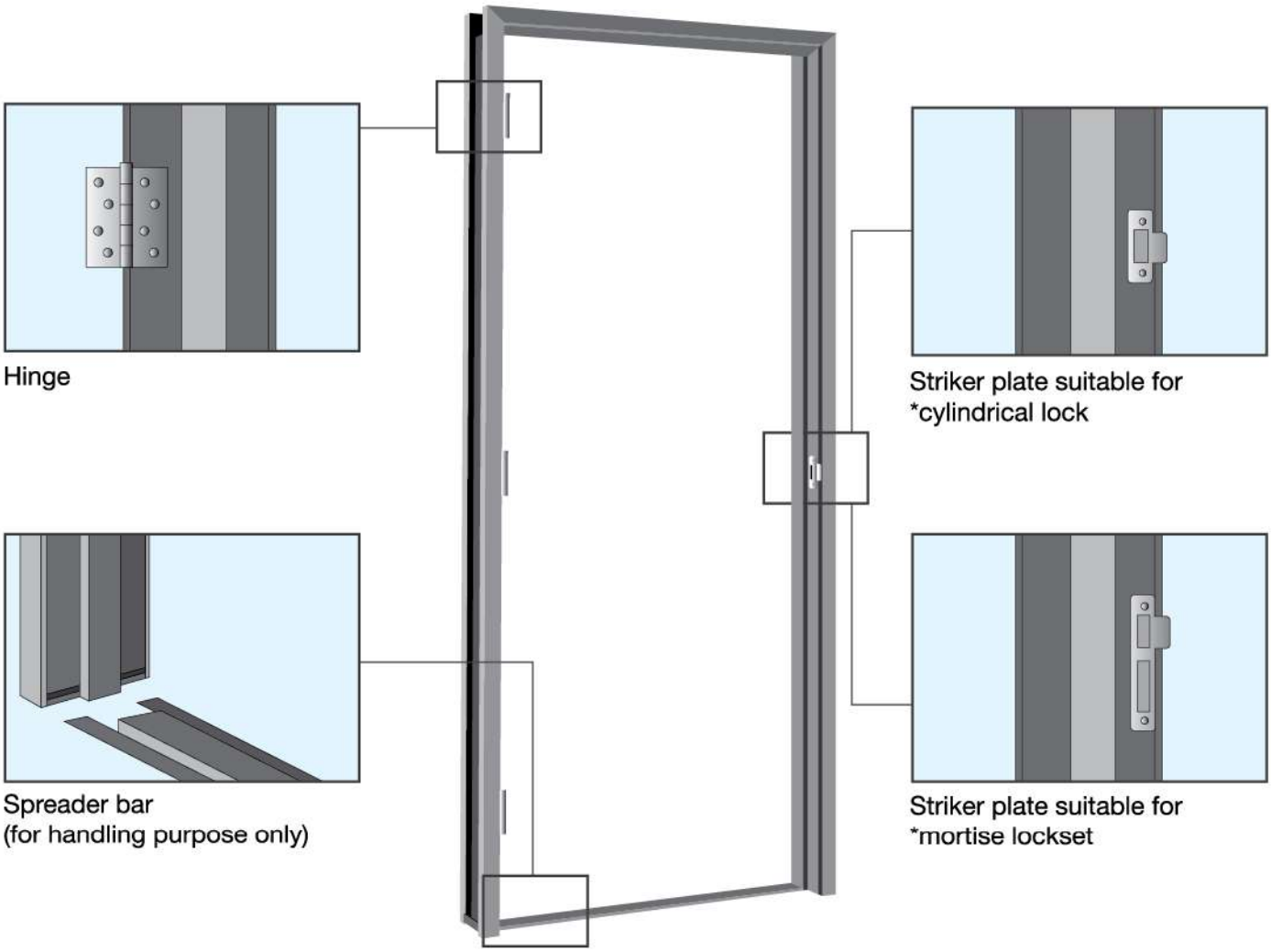
- Frame profile & dimensions
- Material and thickness
- External door frame sizes (W x H)
- Left or right hand opening door for single leaf door frames
- Single or double leafs door
- Striker plate type (i.e. for mortise lockset or cylindrical lockset). Note: striker plate for mortise lockset to be provided by client
- Quantity required
- Full delivery address




Always stand with the door opening towards you.
The side with the hinges is the determinant of the door opening (Left or Right)

## LOCATION OF HINGES / STRIKER PLATE




## INSTALLATION PROCEDURE



1

Mark out the area where the brickwork and the door is going to be.



2

Use two lengths of timber to prop up the door frame to standing position.



3

To check whether the frame is properly plumbed, use the spirit level.



4

Begin to lay the bricks into the rebate at the back of the frame.



5

Place mortar into the gap between the bricks and the frame to ensure that the frame which filled with cement will be extremely rigid and strong.



6

Each metal door frame is supplied with a number of wire ties. Use wire ties in every fourth or fifth course of bricks.



DESIGN FLEXIBILITY

RECYCLING

HI-TECH PRODUCTION

DURABILITY / SECURITY

WARRANTY

MADE IN MALAYSIA

ROOFSEAL
GROUP OF COMPANIES

Head Office / Showroom
**ROOFSEAL RESOURCES (M) SDN BHD** (802531-A)
No. 1 & 1-A, Jalan 1/7, Seksyen 1,
Bandar Teknologi Kajang, 43500
Semenyih, Selangor, Malaysia.

**Tel : +(6)03 - 8723 4776 (H/Line)**
**Fax : +(6)03 - 8723 4775**
**Email : enquiry@roofseal.com.my**
**Website : www.roofseal.com.my**

Sealframe™
Customisable Metal Door Frames

# CUSTOMISABLE METAL DOOR FRAMES

## PROJECT REFERENCES



CERTIFIED TO ISO 9001:2015
CERT. NO : QMS 03772

ROOFSEAL
GROUP OF COMPANIES

VER : MAY 2026

# SELECTED PROJECTS



**PARK REGENT, DESA PARK CITY, KUALA LUMPUR (2021)**

*Project Type : Residential*
*Developer : Park City Group*
*Architect : Serie Architects*
*Main Contractor : GDB Holdings Bhd*



**LAUREL RESIDENCE, KUALA LUMPUR (2023)**

*Project Type : Residential*
*Developer : UOA Development Bhd*
*Architect : Spatial Design Sdn Bhd*
*Main Contractor : Allied Engineering & Construction Sdn Bhd*



**TRX RESIDENCE, KUALA LUMPUR (2023)**

*Project Type : Residential*
*Developer : TRX City Sdn Bhd*
*Architect : GDP Architects*
Main Contractor : *IJM Construction*



**SKYLINE KUCHAI LAMA, KUALA LUMPUR (2024)**

*Project Type : Residential*
*Developer : TS Law Land*
*Architect : Architect 61 Sdn Bhd*
*Main Contractor : Setiakon Builders Sdn Bhd*



**ADISON WEST RESIDENCE, W CITY LARKINTON, JOHOR BAHRU (2025)**

*Project Type : Residential*
*Developer : WCT Holdings Bhd*
*Architect : Arkitek Selamat*
*Main Contractor : Fajarbaru Builder Sdn Bhd*



**THE WYN RESIDENCE, PUCHONG (2025)**

*Project Type : Residential*
*Developer : Land & General Bhd*
*Architect : Asima Architects S/B*
*Main Contractor : Setiakon Builders Sdn Bhd*



**THE COVE RESIDENCE, MELAKA (2025)**

*Project Type : Residential*
*Developer : KEB Properties S/B*
*Architect : Cipta Teguh Architect*
*Main Contractor : Taghill Holdings Bhd*



**SKYRIA, D' ISLAND RESIDENCE, PUCHONG (2025)**

*Project Type : Residential*
*Developer : LBS Bina Group Bhd*
*Architect : Anuar Aziz Architect*
*Main Contractor : MGB Bhd*



**BAMBOO HILLS RESIDENCE, KUALA LUMPUR (2025)**

*Project Type : Residential*
*Developer : UOA Development Bhd*
*Architect : Spatial Design Sdn Bhd*
*Main Contractor : URC Eng. Sdn Bhd*

# SELECTED PROJECTS



**D' ELEMENT @ GENTING HIGHLAND (2022)**

*Project Type : Commercial*
*Developer : NCT Group & Galeri Tropika*
*Architect : Ar. Khalid Ahmed*
*Main Contractor : Various*



**D' ERICA RESIDENCE, DAMANSARA CENTRAL PARK (2022)**

*Project Type : Residential*
*Developer : Exsim Development S/B*
*Architect : Urban Catalyst Architecture*
*Main Contractor : Binastra Corporation Bhd*



**RSKU ADELIA 2 & 3 RESIDENCE, BANGI AVENUE (2022)**

*Project Type : Residential*
*Developer : Trans Loyal Dev. S/B*
*Architect : KUEE Architect*
*Main Contractor : LeBrothers Construction Sdn Bhd*



**D' TERRA RESIDENCE, DAMANSARA CENTRAL PARK (2023)**

*Project Type : Residential*
*Developer : Exsim Development S/B*
*Architect : SekSan Architect*
*Main Contractor : Binastra Corporation Bhd*



**RSKU OLEANDER RESIDENCE, ECO MAJESTIC, SEMENYIH (2024)**

*Project Type : Residential*
*Developer : Trans Loyal Development Sdn Bhd*
*Architect : CS Lew Architect*
*Main Contractor : LeBrothers Construction Sdn Bhd*




**DATA CENTRE, BUKIT JALIL, (2025)**

*Project Type : Industrial*
*Developer : Exsim Jalil Link S/B*
*Architect : Asima Architects*
*Main Contractor : Binastra Corporation Bhd*



**KL INTERNATIONAL HOSPITAL, KL WELLNESS CITY, BUKIT JALIL (2025)**

*Project Type : Commercial*
*Developer : KL Wellness City S/B*
*Architect : Konzepte Asia S/B*
*Main Contractor : GDB Holdings Bhd*



**NADI 1 & NADI 2, ECO ARDENCE, SHAH ALAM (2025)**

*Project Type : Residential*
*Developer : Trans Loyal Development Sdn Bhd*
*Architect : Cipta Teguh Architect*
*Main Contractor : LeBrothers Construction Sdn Bhd*



**PENANG WATERFRONT CONVENTION CENTRE, PULANG PINANG (2025)**

*Project Type : Commercial*
*Developer : IJM Corporation Bhd*
*Architect : KL Wong Architect*
*Main Contractor : IJM Corporation Bhd*

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# OTHER SUCCESSFUL PROJECTS

| PROJECT NAME | YEAR |
|---|---|
| **RESIDENTIAL BUILDINGS (HIGH-RISE)** | |
| CUBIC BOTANICAL, BANGSAR SOUTH, KUALA LUMPUR | 2021 |
| 8 CONLAY, KUALA LUMPUR | 2021 |
| DORSETT PLACE, SUBANG JAYA | 2021 |
| DUTA PARK RESIDENCE, KUALA LUMPUR | 2021 |
| VERANDO RESIDENCE, PETALING JAYA | 2021 |
| THE PULSE RESIDENCE, PUCHONG | 2022 |
| MORI RESIDENCE, RAWANG | 2022 |
| RESIDENSI AVA, KIARA BAY, KUALA LUMPUR | 2022 |
| PANGSAPURI D'RUBY, PUCHONG | 2022 |
| DEZIRE HILL RESIDENCE, BANDAR SUNGAI LONG, KAJANG | 2023 |
| RESIDENSI KESUMA 1, BANDAR TASIK KESUMA, BERANANG | 2023 |
| KR7 RESIDENCES, PUCHONG | 2024 |
| ASTER RESIDENCE, CHERAS, KUALA LUMPUR | 2024 |
| PICCADILY, GREENTOWN IPOH | 2024 |
| D'SINI RESIDENCE, SETIA ALAM | 2024 |
| FOREST HILL RESIDENCE, DAMANSARA PERDANA | 2024 |
| ASTRA, AURORA RESIDENCE, PUCHONG | 2024 |
| SUNWAY ARTESSA, KUALA LUMPUR | 2024 |
| SUNWAY D' HILL RESIDENCES, KOTA DAMANSARA | 2024 |
| ASTER HILL, SRI PETALING | 2024 |
| EMERALD 9, CHERAS | 2024 |
| GEN STARZ, JALAN KELANG LAMA | 2025 |
| ARMANI RESIDENCE, KUALA LUMPUR | 2025 |
| ARMANI RESIDENCE, KEPONG | 2025 |
| PINNACLE, ARA DAMANSARA | 2025 |
| ARMANI SOHO, SUBANG | 2025 |
| PALM HILL RESIDENCE 3, KAJANG | 2025 |
| ARIKA RESIDENCE, KUBANG KERIAN, KELANTAN | 2025 |
| ARMANI RESIDENCE, SETIA ALAM | 2025 |
| ARMANI RESIDENCE, SHAH ALAM | 2025 |
| ARMANI SIGNATURE RESIDENCE, SHAH ALAM | 2025 |
| AGILE EMBASSY GARDENS, KUALA LUMPUR | 2025 |
| ALORA RESIDENCES, SUBANG JAYA | 2025 |

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# OTHER SUCCESSFUL PROJECTS

| PROJECT NAME | YEAR |
|---|---|
| **AFFORDABLE HOMES (HIGH-RISE)** | |
| PANGSAPURI IDAMAN ABADI, TROPICANA HEIGHT, KAJANG | 2020 |
| PANGSAPURI SERI TOPAZ, PUCHONG | 2022 |
| VIERRA RESIDENCE, KINRARA, KUALA LUMPUR | 2023 |
| KITA SEJATI, CYBERSOUTH, CYBERJAYA | 2023 |
| IDAMAN BUKIT JELUTONG, SHAH ALAM | 2023 |
| RESIDENSI MUTIARA, KAJANG 2 | 2023 |
| IDAMAN CAHAYA, SHAH ALAM | 2024 |
| RESIDENSI EMAS, KAJANG 2 | 2024 |
| IDAMAN MELUR, CYBERSOUTH, CYBERJAYA | 2024 |
| LSH SEGAR, CHERAS, KUALA LUMPUR | 2024 |
| ALORA RESIDENCE, SUBANG JAYA | 2024 |
| JERNIH RESIDENCE, KAJANG | 2024 |
| SERINA RESIDENCE, SRI PETALING | 2024 |
| IDAMAN SARI, PUCHONG | 2025 |
| BEGONIA, ECO MAJESTIC | 2025 |
| VISTA ADESA, SUNGAI BESI, KUALA LUMPUR | 2025 |
| RADIUM ADESA, SUNGAI BESI, KUALA LUMPUR | 2025 |
| IDAMAN PERDANA, PUNCAK ALAM | 2025 |
| **HOTEL & COMMERCIAL BUILDINGS** | |
| KAWASAN BANDAR XLV, DAERAH MELAKA TENGAH | 2020 |
| BOUTIQUE HOTEL, UNION SQUARE, BANGI AVENUE | 2022 |
| CENGILD MEDICAL CENTRE, BANGSAR SOUTH | 2025 |
| GARDEN SQUARE, RAWANG | 2025 |
| **INDUSTRIAL BUILDINGS** | |
| E -METRO LOGISTIC HUB (METROHUB 4) | 2025 |
| E-METRO LOGISTIC PARK, BANDAR BUKIT RAJA | 2025 |


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HEAD OFFICE / FACTORY
**ROOFSEAL SEALFRAME MARKETING SDN BHD**
**ROOFSEAL SEALFRAME INDUSTRIES SDN BHD**
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WEBSITE:
FACEBOOK:

Sealframe™
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CERTIFICATION

SIRIM QAS INTERNATIONAL

# *CERTIFICATE*

QUALITY SYSTEM
SIRIM

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT
IAF

STANDARDS MALAYSIA ACCREDITED
ACB 001

UKAS MANAGEMENT SYSTEMS
0074

Member of
IQNET

SIRIM QAS International hereby certifies that

**ROOFSEAL RESOURCES (M) SDN. BHD.**
**(INCLUDING ROOFSEAL SEALFRAME INDUSTRIES SDN. BHD.)**
**NO. 24, JALAN P6/3**
**SEKSYEN 6**
**BANDAR TEKNOLOGI KAJANG**
**43500 SEMENYIH**
**SELANGOR DARUL EHSAN**
**MALAYSIA**

has implemented a Quality Management Systems complying with

**ISO 9001:2015**
*QUALITY MANAGEMENT SYSTEMS – REQUIREMENTS*

Scope of Certification

**MANUFACTURE OF METAL DOOR AND WINDOW FRAMES, METAL ROOFING SYSTEM, ROOF TRUSS SYSTEM, STRUCTURAL PRODUCTS, GUTTERS, FLASHINGS, CAPPINGS, FASCIA BOARDS AND SUPPLY OF ROOF-RELATED PRODUCTS.**

| | | |
|---|---|---|
| Issue date | : | **11 January 2025** |
| Original certification date | : | **31 December 2021** |
| Expiry date | : | **30 December 2027** |
| Certificate no. | : | **QMS 37772** |

**Nur Fadhilah Muhammad**
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.

This certificate is granted subject to the terms and conditions as stated in the Certification Agreement.

SIRIM QAS INTERNATIONAL SDN. BHD.
(Co. No. 199601037981 (410334-X))
1, Persiaran Dato' Menteri
Section 2, P.O. Box 7035
40700 Shah Alam
Selangor Darul Ehsan
MALAYSIA
Tel : 60-3-55446404
Fax : 60-3-55446787

http://www.sirim-qas.com.my
http://www.malaysiancertified.com.my

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CERTIFICATION

Member of

IQNET

Building trust together.

# Certificate

**SIRIM QAS International** has issued an IQNET recognized certificate that the organization:

## ROOFSEAL RESOURCES (M) SDN. BHD.
**(INCLUDING ROOFSEAL SEALFRAME INDUSTRIES SDN. BHD.)**
**No. 24, Jalan P6/3**
**Seksyen 6**
**Bandar Teknologi Kajang**
**43500 Semenyih**
**Selangor Darul Ehsan**
**Malaysia**

has implemented and maintains a
**Quality Management Systems**

for the following scope:
**Manufacture of metal door and window frames, metal roofing system, roof truss system, structural products, gutters, flashings, cappings, fascia boards and supply of roof-related products.**

which fulfils the requirements of the following standard :

## ISO 9001:2015

Issued on: **11 January 2025**
First issued on: **31 December 2021**
Expires on: **30 December 2027**

Registration Number: **MY — QMS 37772**

**Alex Stoichitoiu**
President of IQNET

**Nur Fadhilah Muhammad**
Chief Executive Officer of
SIRIM QAS International Sdn. Bhd.

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This attestation is directly linked to the IQNET Member's original certificate and shall not be used as a stand-alone document.

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Customisable Metal Door Frames

CERTIFICATION

SIRIM

No Lesen : **PC016481**
*Licence No :*

# LESEN PENSIJILAN BARANGAN
## *Product Certification Licence*

MS
SIRIM

**SIRIM Berhad dengan ini menganugerahkan kepada**
*SIRIM Berhad hereby grants to*

**ROOFSEAL SEALFRAME INDUSTRIES SDN. BHD.**
**NO. 24, JALAN P6/3, SEKSYEN 6**
**BANDAR TEKNOLOGI KAJANG**
**43500 SEMENYIH**
**SELANGOR, MALAYSIA**

**Lesen untuk menggunakan Tanda Pensijilan di atas barangan**
*a licence to use the Certification Mark on*

**STEEL DOOR FRAME**

**Please refer to detail in the SCHEDULE**

**sebagai mematuhi keperluan**
*as complying with*

**MS 2718 : 2021**

**FAUZIAH BINTI FADZIL**
Pemangku Ketua Pegawai Penilaian Pematuhan
*Covering Chief Conformity Assessment Officer*
Bahagian Penilaian Pematuhan
*Conformity Assessment Division*
SIRIM Berhad

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((No. Syarikat 199501038272(367474-V)))

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| **Tarikh Mula Pensijilan** | **: 01 September 2026** | **Tarikh Dikeluarkan** | **: 02 September 2026** |
| *Certified Since* | | *Issue Date* | |
| **Sah Sehingga** | **: 01 September 2027** | **No Siri** | : 132819 |
| *Valid Until* | | *Serial No* | |

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No Lesen : **PC016481**
*Licence No :*

# SCHEDULE

**ROOFSEAL SEALFRAME INDUSTRIES SDN. BHD.**

MS
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Trade Mark :SEALFRAME
Model :SF1-SF50-SR-DL (AZ)
Rating :MATERIAL= HOT-DIP ALUMINIUM ZINC COATED (CONFORMING TO MS 1196);
MINIMUM COATING DESIGNATION = AZ150;
Type :CONFIGURATION = DOUBLE DOOR FRAME; PROFILE = SINGLE REBATE;
ASSEMBLY METHOD = WELDED OR KNOCKED DOWN;
Size :MAXIMUM FRAME WIDTH X HEIGHT (mm) = 3000 X 6000;
MAXIMUM PROFILE DIMENSION (mm) = 400 X 100;
BASE METAL THICKNESS (mm) = 1.0;
THIS DOOR FRAME IS WITHOUT LOCKS AND LATCHES

Trade Mark :SEALFRAME
Model :SF1-SF50-DR-DL (AZ)
Rating :MATERIAL= HOT-DIP ALUMINIUM ZINC COATED (CONFORMING TO MS 1196);
MINIMUM COATING DESIGNATION = AZ150;
Type :CONFIGURATION = DOUBLE DOOR FRAME; PROFILE = DOUBLE REBATE;
ASSEMBLY METHOD = WELDED OR KNOCKED DOWN;
Size :MAXIMUM FRAME WIDTH X HEIGHT (mm) = 3000 X 6000;
MAXIMUM PROFILE DIMENSION (mm) = 400 X 100;
BASE METAL THICKNESS (mm) = 1.0;
THIS DOOR FRAME IS WITHOUT LOCKS AND LATCHES

Trade Mark :SEALFRAME
Model :SF1-SF50-SR-SL (Z)
Rating :MATERIAL= HOT-DIP ZINC COATED (CONFORMING TO MS 2660);
MINIMUM COATING DESIGNATION = Z275;
Type :CONFIGURATION = SINGLE DOOR FRAME; PROFILE = SINGLE REBATE;
ASSEMBLY METHOD = WELDED OR KNOCKED DOWN;
Size :MAXIMUM FRAME WIDTH X HEIGHT (mm) = 3000 X 6000;
MAXIMUM PROFILE DIMENSION (mm) = 400 X 100;
BASE METAL THICKNESS (mm) = 1.0;
THIS DOOR FRAME IS WITHOUT LOCKS AND LATCHES

**SIRIM Berhad**
((No. Syarikat 199501038272(367474-V)))

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P.O. Box 7035, Seksyen 2
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Tel : 603-5544 6000
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| | | | |
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| **Tarikh Mula Pensijilan** | **: 01 September 2026** | **Tarikh Dikeluarkan** | **: 02 September 2026** |
| *Certified Since* | | *Issue Date* | |
| **Sah Sehingga** | **: 01 September 2027** | **No Siri** | : 132819 |
| *Valid Until* | | *Serial No* | |

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Sealframe™
Customisable Metal Door Frames

SIRIM

No Lesen : **PC016481**
*Licence No :*

# SCHEDULE

**ROOFSEAL SEALFRAME INDUSTRIES SDN. BHD.**

SIRIM

| | |
|---|---|
| Trade Mark | : SEALFRAME |
| Model | : SF1-SF50-DR-SL (Z) |
| Rating | : MATERIAL= HOT-DIP ZINC COATED (CONFORMING TO MS 2660);<br>MINIMUM COATING DESIGNATION = Z275; |
| Type | : CONFIGURATION =SINGLE DOOR FRAME; PROFILE = DOUBLE REBATE;<br>ASSEMBLY METHOD = WELDED OR KNOCKED DOWN; |
| Size | : MAXIMUM FRAME WIDTH X HEIGHT (mm) = 3000 X 6000;<br>MAXIMUM PROFILE DIMENSION (mm) = 400 X 100;<br>BASE METAL THICKNESS (mm) = 1.0; |

THIS DOOR FRAME IS WITHOUT LOCKS AND LATCHES

***End of page***

**SIRIM Berhad**
((No. Syarikat 199501038272(367474-V)))

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P.O. Box 7035, Seksyen 2
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MALAYSIA.

Tel : 603-5544 6000
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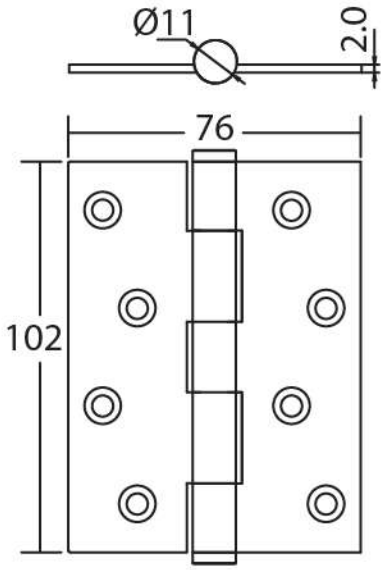
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|---|---|---|---|
| **Tarikh Mula Pensijilan** | **: 01 September 2026** | **Tarikh Dikeluarkan** | **: 02 September 2026** |
| *Certified Since* | | *Issue Date* | |
| **Sah Sehingga** | **: 01 September 2027** | **No Siri** | : 132819 |
| *Valid Until* | | *Serial No* | |

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DOOR HINGE




# HINGE 4-363SF1007620304

SIRIM

| | | |
|---|---|---|
| Door Hinge Size | - | 102 x 76 x 2mm |
| Material | - | Stainless Steel SUS 304 |
| Finishing | - | SS |
| BS EN 1935:2002 | - | Hinge Grade 6 Passed |
| Door Maximum Weight | - | 40 kg per hinge |
| Door Maximum Width | - | 900 mm per hinge |
| Recommended Door Thickness | - | 30 mm - 45 mm |
| Corrosion Resistance | - | 240 Hours |

* All the measurements are in millimeter (mm)
* Dimensional data not binding. We reserve the right to alter specifications without notice.

KAS Quality Service (Guangzhou) Co., Ltd.
Lab: Chenziwei, Xinsha Village Committee, Muzhou Town, Xinhui District, Jiangmen, Guangdong 529143, China.
E-mail: service1@kastesting.com

TL-827

**Report Number: J240613004-1**

# EN 1935:2002/AC:2003

## Test Report OF SINGLE-AXIS HINGES

A report to:

ROOFSEAL SEALFRAME INDUSTRIES SDN BHD

| | |
|---|---|
| Issue Date: | 2024/6/21 |
| Revised Date: | — |
| Total Pages: | 17 |
| Doc.control NO. | TTRF_EN 1935:2002_a |

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KAS QUALITY SERVICE

# Test Report

**Report Number: J240613004-1**

## TEST CONCLUSIONS

Product: Stainless Steel Hinge
Model: Hinge 4-364SF1007620304

Had been tested in accordance with:
EN 1935:2002/AC2003 Building Hardware-Single-axis hinges
by KAS Quality Service (Guangzhou) Co., Ltd. which is an IAS accredited Testing Laboratory (NO. TL-827).
At Chenziwei, Xinsha Village Committee, Muzhou Town, Xinhui District, Jiangmen, Guangdong 529143, China.

**Summary of Test Result**

| Clause | Description | Compliance |
|---|---|---|
| **5.1** | **Initial friction torque measurements** | **Pass** |
| **5.2** | **Static load** | **Pass** |
| *5.2.1* | *Load-deformation* | *Pass* |
| *5.2.2* | *Overload* | *Pass* |
| **5.3** | **Shear strength** | **Pass** |
| **5.4** | **Durability** | **Pass** |
| **5.5** | **Corrosion resistance** | **Pass** |
| **5.6** | **Hinges for use on fire-resistant and/or smoke-control doors** | **NA** |
| **5.7** | **Hinges for use on burglar-resistant doors** | **NA** |
| **5.8** | **Families of hinges with common design features** | **NA** |
| **8** | **Marking** | **NA** |

Remark: The fastening screws were not evaluated in this report and the mechanical screws were used for testing installation.

No inferences can be made regarding performance against other requirements of this standard.

NOTES.
These tests are covered by the Laboratory IAS accreditation schedule.
Tests marked “NA” were not applicable to the type of device under test.
Tests marked “NT” were not applied to the device under test.
When determining the test result, measurement uncertainty has been considered.
Decision rule for statement(s) of conformity is based on Binary Statement for Simple Acceptance Rule ($w$=0) of ILAC G8: 09/2019.

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## TEST CONCLUSIONS

Product: Stainless Steel Hinge
Model: Hinge 4-364SF1007620304

**Classification achieved**

| Category of use | Durability | Test door mass | Fire/smoke suitability | Safety | Corrosion resistance | Security | Hinge grade |
|---|---|---|---|---|---|---|---|
| 1 | 4 | 2 | 0 | 1 | 4 | 0 | 6 |

Detail "Classification" information listed as following:
First digit (Category of use): Grade 1 – Light duty, hinges for use on doors or windows which are subject to low frequent usage with high incentive to exercise care;
Second digit (Durability): Grade 4 – 25,000 cycles;
Third digit (Test door mass): Grade 2 – 40 kg door mass;
Fourth digit (Suitability for use on fire/smoke doors): Grade 0 - Not suitable use on fire-resistant doors;
Fifth digit (Safety): Grade 1 – All hinges are required to satisfy the essential requirement of safety in use. Therefore only grade 1 is identified.
Sixth digit (Corrosion resistance and temperature): Grade 4 – Very high resistance: 240 h;
Seventh digit (Security - Burglar-resistance): Grade 0 – Not suitable for use on burglar-resistant door assemblies;
Eighth digit (Hinge grade): Hinge Grade 6.