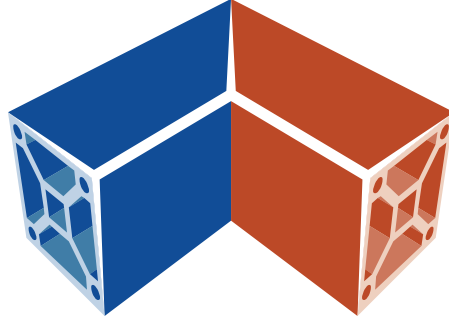


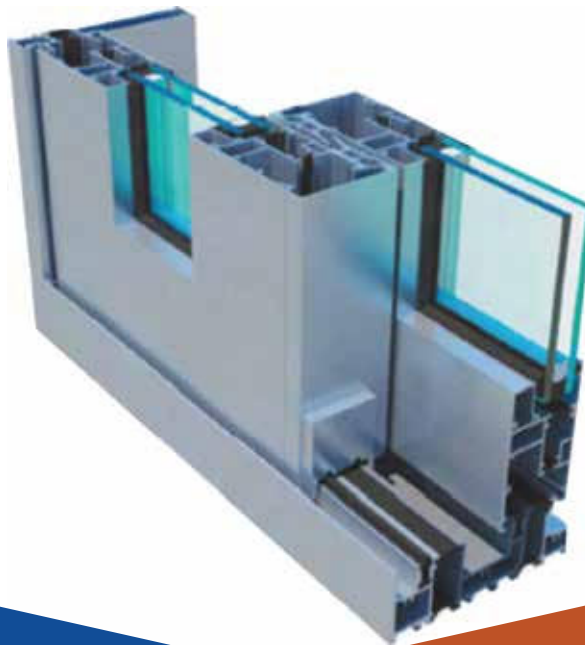


QALEX

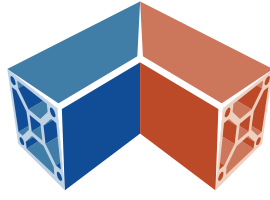
الشركة القطرية لسحب الألمنيوم

QATAR ALUMINIUM EXTRUSION CO.

SQUID 144 LIFT & SLIDING SYSTEM



QATAR ALUMINIUM EXTRUSION COMPANY



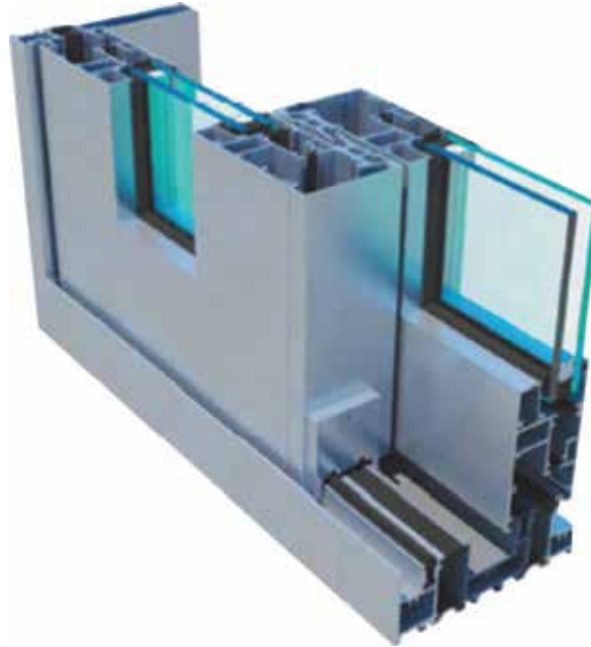
QALEX

الشركة القطرية لسحب الألمنيوم

QATAR ALUMINIUM EXTRUSION CO.

SQUID 144 LIFT & SLIDING SYSTEM

QALEX SYSTEM TECHNICAL CATALOGUE



P.O. Box: 201698, New Industrial Area, Area No. 81, Street No. 12,
Gate No.132, Pink Zone, Doha - Qatar.

Phone: (+974) 44 333 555 / 541 / 540, Fax: (+974) 44 333 500,

Mail: info@galex.com.qa

www.qalex.com.qa

COMPANY PROFILE



QALEX
الشركة القطرية لتسويق الألمنيوم
QATAR ALUMINIUM EXTRUSION CO.



Licence: 4203

SQUID 144



COMPANY PROFILE:

Qatar Aluminium Extrusion Company is the brainchild of QIMC (Qatar industrial Manufacturing company) jointly hosted along with other business tycoons of Qatar, viz. Salam International Investment Ltd, Alutec, Qatar Real Estate Investment Co., Aluminium Gulf Ray, Qatar Oman Investment Co. & Qatar Belgium Aluminium Co.

Multi Million project proudly designed and built with state of art technology plant & equipment majestically located at the pink zone of new industrial area. The plot of 28,000 sq mtrs aesthetically landscaped and engulfing a steel structure of 13,000 sq mtrs which houses modern extrusion production facilities.

CAPABILITIES & FACILITIES:

We are equipped with the following world class equipment.

- Japan origin 2250 MT Extrusion Press with 4S (Stem Shift Short Stroke) technology with an annual capacity of 8,000 MT to 10,000 MT.
- US origin Hot Log Shear which allows to reduce both material inventory and scrap generation because it cuts the billets to correct length as needed targeting maximum yield.
- US Origin log oven with designed capacity of 4,000 Kgs of output per hour.
- US Origin taper quench unit of billets for achieving quality extrusion by maintaining constant extrude temperature and very much essential for aluminium extrusions.
- US Origin Intense run our cooling system for both hard & architectural alloys.
- US Origin Double puller operation for improved productivity & short idle time.
- US Origin Stretcher which deliver precise accurate stretching which enhances profile quality and keeps scrap to a minimum.
- US Origin Precision profile cutting finish saw delivers a highly accurate cut with accuracy, safety and easy to use and with maximum cutting length up to 8,500 mm & extendable further on special cases.



QALEX
الشركة القطرية لتسويق الألمنيوم
QATAR ALUMINIUM EXTRUSION CO



Licence: 4203

SQUID 144



- US Origin Ageing oven are designed to deliver rapid complete ageing of profile in every batch which translates into maximum profile quality.
- Die ovens are engineered for quick and uniform heating resulting in less strain on the press and better quality for extrusion.
- Fluidized Nitriding furnace to enhance the surface quality of the products.

OUR PRODUCTS:

A) MILL FINISH

- Mill Finish.
- Architectural Alloys i.e. 6063.
- Structural Alloys i.e. 6061 & 6082.
- Other 6000 series alloys on availability.
- Minimum cut length 1,500 mm.
- Maximum cut length of 8,500 mm.
- Excess cut length in mill finish can be considered on special request and to a whopping 16m for some sections.
- With different temper like T4, T6 etc.
- Large number of profile forms and shapes can be developed on request.

B) POWDER COATING

- Powder Coating in many RAL colour.
- Maximum profile length of 7,500 mm.
- Equipped laboratory to test coting quality.
- 70 to 80 microns international standard coating thickness.
- Minimum 60 microns confirmed coating thickness.
- Powder for international renowned brand.
- Regionally accepted guarantee period for coating.



QALEX
الشركة القطرية لتسويق الألمنيوم
QATARI ALUMINIUM EXTRUSION CO.



Licence: 4203

SQUID 144



QALEX ADVANTAGES FOR QATAR:

- Locally based company with easy & economical accessibility.
- Technical assistance is available at hand reach.
- Immediate response to quality related issues.
- No border hassle for documental procedure.
- No bulk import and naturally no revenue block.
- Less inventory and so reduced storage space and no cash block.
- Quicker supply time which helps for quicker mock up work.
- Everything is in JIT basis (Just in Time).
- Flexible terms and condition on sales / shipment.

QATARI ESSENCE IN QALEX:

- Hosted by Qatar Industrial Manufacturing Company.
- Ably co – hosted and supported by Salam International Investment Limited, Alutec, Aluminium Gulf Ray, Qatar Real Estate Investment Co., Qatar Oman Investment Co., and Qatar Belgium Aluminium Co., (All are Qatar based Company).
- The Products are procured, manufactured & fabricated in QATAR.
- Added value as raw material is produced by QATALUM.
- Powder supplied by KAHRAMAA, a Qatari Government Corp.
- Gas produced by QP & distributed by WOQOD.
- Reduced material wastages, which are totally recycled.



GALEX
الشركة القطرية لتسويق الألمنيوم
QATAR ALUMINIUM EXTRUSION CO



Licence: 4203

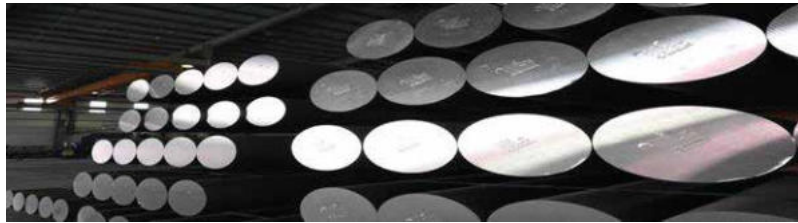
SQUID 144



SOURCE OF RAW MATERIAL SUPPLY

ALUMINIUM LOGS:

- Aluminium Logs supplied by QATALUM, A Qatari Government Company.



- Architectural Alloys i.e. 6005 & 6063 ,6060.
- Structural Alloys i.e. 6082 & 6061.
- Other 6000 series alloys on availability.

POWDER COATING:

- Powder coating supplied by JOTUN POWDER COATINGS & AKZONOBEL.



- Powder coating available in many RAL colour.

ALUMINIUM EXTRUSION DIE & TOOLINGS HAS BEEN OUT SOURCED FROM MANY SUPPLIERS ACROSS EUROPIEN REGION:

- ALUTOOL, UK.
- EROGA, UK.
- ELITE, UK.
- EKSENAL, TURKEY.
- Many more.



CERTIFICATES



GALEX
الشركة القطرية لتسويق الألمنيوم
QATAR ALUMINIUM EXTRUSION CO



Licence: 4203

Certificates



Together,
let's build
a sustainable
tomorrow

Certificate of Membership

This to certify that

Qatar Aluminium Extrusion Co.

is an Organization Member of Qatar Green Building Council
and is committed to promote sustainable building practices

Membership No: Q-1116

Membership effective: 1st Jan 2017 to 31st Dec 2017


Mesher Mohammed Al-Shamari
Director
Qatar Green Building Council



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الشركة القطرية لتسويق الألمنيوم
QATAR ALUMINIUM EXTRUSION CO



Licence: 4203

Certificates



QATAR ALUMINIUM EXTRUSION CO.

USGBC MEMBER SINCE NOV 15, 2020



USGBC
MEMBER

SILVER

Is an active member of the U.S. Green Building Council, the foremost coalition of leaders working to transform the way buildings and communities are designed, built and operated. Our vision is that buildings and communities will regenerate and sustain the health and vitality of all life within a generation.

This membership was awarded on Nov 15, 2020.

Mahesh Ramanujam

MAHESH RAMANUJAM
President & CEO



GALEX
الشركة القطرية لتسويق الألمنيوم
QATAR ALUMINIUM EXTRUSION CO.



Licence: 4203

Certificates



CERTIFICATE

for a COATING APPLICATOR



SEASIDE

hereby authorises

QATAR ALUMINIUM EXTRUSION COMPANY

Street No 12, Zone No 81, Building No. 132, Pink Zone

New Industrial Area, P.O. Box 201698

Doha

Qatar

to use the quality label in conformity with the
QUALICOAT 2021 Specifications, applicable from 1 January 2021

Licence No.: 4203

Date of Granting: 10.04.2013

Valid until: 31.12.2021

Zurich, 1 January 2021

QUALICOAT

M. C. Panam

Mohammed C. Panam
President



Sue C. C. Paredi

Sue C. C. Paredi
Managing Director





GALEX
الشركة القطرية لسحب الألمنيوم
QATAR ALUMINIUM EXTRUSION CO.



Licence: 4203

Certificates



المجلس الخليجي للألمنيوم
GULF ALUMINIUM COUNCIL

We hereby certify

that

Qatar Aluminium Extrusion Company
Doha, Qatar

is an Associate Member of
Gulf Aluminium Council

Effective from 1st of January 2013

Mahmood Daylami
Secretary General



GALEX
الشركة القطرية لتسويق الألمنيوم
QATAR ALUMINIUM EXTRUSION CO.



Licence: 4203

Certificates



intertek
Total Quality. Assured.

CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

QATAR ALUMINIUM EXTRUSION COMPANY

Main Site: New Industrial Area, Area No.81, Gate No.132, Street No. 12,
Pink Zone, P.O.BOX 201698, Doha, Qatar

See appendix for additional sites and additional site scopes

has been registered by Intertek as conforming to the requirements of:

ISO 9001:2015

The management system is applicable to:

Manufacturing and Supply of Aluminium Extruded Profiles in different
finishes (Mill Finish, Anodizing, Powder coating) for Architectural and
Industrial Application.

Certificate Number:

0111973

Initial Certification Date:

07 June 2018

Date of Certification Decision:

08 May 2024

Issuing Date:

09 May 2024

Valid Until:

06 June 2027



intertek



Calin Moldovean

Calin Moldovean

President, Business Assurance

Intertek Certification Limited, 10A Victory Park,
Victory Road, Derby DE24 8ZF, United Kingdom

Intertek Certification Limited is a UKAS
accredited body under schedule of
accreditation no. 014.



In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek's requirements for systems certification. Validity may be confirmed via email at certificate.validation@intertek.com or by scanning the code to the right with a smartphone. The certificate remains the property of Intertek, to whom it must be returned upon request.





GALEX
الشركة القطرية لتسويق الألمنيوم
QATAR ALUMINIUM EXTRUSION CO.



Licence: 4203

Certificates



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CERTIFICATE OF REGISTRATION

APPENDIX

This appendix identifies the locations covered by the management system of:

QATAR ALUMINIUM EXTRUSION COMPANY

This appendix is linked to the Main Certificate # 0111973 and cannot be shown nor reproduced without it.

QATAR ALUMINIUM EXTRUSION COMPANY

New Industrial Area, Area No.81, Gate No.132, Street No. 12, Pink Zone, P.O.BOX 201698, Doha, Qatar

Manufacturing and Supply of Aluminium Extruded Profiles in different finishes (Mill Finish, Anodizing, Powder coating) for Architectural and Industrial Application

QATAR ALUMINIUM EXTRUSION COMPANY

Zone – 92, Street – 709 , Building No. – 11, P.O. Box- 201698, Mesaieed Light Industrial Area, Qatar

Manufacturing and Supply of Aluminium Extruded Profiles in different finishes (Mill Finish, Anodizing, Powder coating) for Architectural and Industrial Application.

In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek's requirements for systems certification. Validity may be confirmed via email at certificate.validation@intertek.com or by scanning the code to the right with a smartphone. The certificate remains the property of Intertek, to whom it must be returned upon request.





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الشركة القطرية لتسويق الألمنيوم
QATAR ALUMINIUM EXTRUSION CO.



Licence: 4203

Certificates



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CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

QATAR ALUMINIUM EXTRUSION COMPANY

Main Site: New Industrial Area, Area No.81, Gate No.132, Street No. 12,
Pink Zone, P.O.BOX 201698, Doha, Qatar

See appendix for additional sites and additional site scopes

has been registered by Intertek as conforming to the requirements of:

ISO 14001:2015

The management system is applicable to:

Manufacturing and Supply of Aluminium Extruded Profiles in different
finishes (Mill Finish, Anodizing, Powder coating) for Architectural and
Industrial Application.

Certificate Number:

0111974

Initial Certification Date:

07 June 2018

Date of Certification Decision:

08 May 2024

Issuing Date:

09 May 2024

Valid Until:

06 June 2027



intertek



Calin Moldovean

Calin Moldovean

President, Business Assurance

Intertek Certification Limited, 10A Victory Park,
Victory Road, Derby DE24 8ZF, United Kingdom

Intertek Certification Limited is a UKAS
accredited body under schedule of
accreditation no. 014.



In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek's requirements for systems certification. Validity may be confirmed via email at certificate.validation@intertek.com or by scanning the code to the right with a smartphone. The certificate remains the property of Intertek, to whom it must be returned upon request.





GALEX
الشركة القطرية لتسحب الألمنيوم
QATAR ALUMINIUM EXTRUSION CO.



Licence: 4203

Certificates



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CERTIFICATE OF REGISTRATION

APPENDIX

This appendix identifies the locations covered by the management system of:

QATAR ALUMINIUM EXTRUSION COMPANY

This appendix is linked to the Main Certificate # 0111974 and cannot be shown nor reproduced without it.

QATAR ALUMINIUM EXTRUSION COMPANY

New Industrial Area, Area No.81, Gate No.132, Street No. 12, Pink Zone, P.O.BOX 201698, Doha, Qatar

Manufacturing and Supply of Aluminium Extruded Profiles in different finishes (Mill Finish, Anodizing, Powder coating) for Architectural and Industrial Application

QATAR ALUMINIUM EXTRUSION COMPANY

Zone – 92, Street – 709 , Building No. – 11, P.O. Box- 201698, Mesaieed Light Industrial Area, Qatar

Manufacturing and Supply of Aluminium Extruded Profiles in different finishes (Mill Finish, Anodizing, Powder coating) for Architectural and Industrial Application.





GALEX
الشركة القطرية لتسليم الألمنيوم
QATAR ALUMINIUM EXTRUSION CO.



Licence: 4203

Certificates



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Total Quality. Assured.

CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

QATAR ALUMINIUM EXTRUSION COMPANY

Main Site: New Industrial Area, Area No.81, Gate No.132, Street No. 12,
Pink Zone, P.O.BOX 201698, Doha, Qatar

See appendix for additional sites and additional site scopes

has been registered by Intertek as conforming to the requirements of:

ISO 45001:2018

Certified to OHSAS 18001:2007 from 07.06.2018 to 19.03.2021

The management system is applicable to:

Manufacturing and Supply of Aluminium Extruded Profiles in different
finishes (Mill Finish, Anodizing, Powder coating) for Architectural and
Industrial Application.

Certificate Number:

0111976

Initial Certification Date:

07 June 2018

Date of Certification Decision:

08 May 2024

Issuing Date:

08 May 2024

Valid Until:

06 June 2027



intertek



Calin Moldovean

President, Business Assurance

Intertek Certification Limited, 10A Victory Park,
Victory Road, Derby DE24 8ZF, United Kingdom

Intertek Certification Limited is a UKAS
accredited body under schedule of
accreditation no. 014.



In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek's requirements for systems certification. Validity may be confirmed via email at certificate.validation@intertek.com or by scanning the code to the right with a smartphone. The certificate remains the property of Intertek, to whom it must be returned upon request.





GALEX
الشركة القطرية لتسويق الألمنيوم
QATAR ALUMINIUM EXTRUSION CO.



Licence: 4203

Certificates



intertek
Total Quality. Assured.

CERTIFICATE OF REGISTRATION

APPENDIX

This appendix identifies the locations covered by the management system of:

QATAR ALUMINIUM EXTRUSION COMPANY

This appendix is linked to the Main Certificate # 0111976 and cannot be shown nor reproduced without it.

QATAR ALUMINIUM EXTRUSION COMPANY

New Industrial Area, Area No.81, Gate No.132, Street No. 12, Pink Zone, P.O.BOX 201698, Doha, Qatar

Manufacturing and Supply of Aluminium Extruded Profiles in different finishes (Mill Finish, Anodizing, Powder coating) for Architectural and Industrial Application

QATAR ALUMINIUM EXTRUSION COMPANY

Zone – 92, Street – 709 , Building No. – 11, P.O. Box- 201698, Mesaieed Light Industrial Area, Qatar

Manufacturing and Supply of Aluminium Extruded Profiles in different finishes (Mill Finish, Anodizing, Powder coating) for Architectural and Industrial Application.

In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek's requirements for systems certification. Validity may be confirmed via email at certificate.validation@intertek.com or by scanning the code to the right with a smartphone. The certificate remains the property of Intertek, to whom it must be returned upon request.





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الشركة القطرية لتسويق الألمنيوم
QATAR ALUMINIUM EXTRUSION CO.



Licence: 4203

Certificates



MEMBERSHIP CERTIFICATION

This is to certify that

QATAR ALUMINIUM EXTRUSION CO.

P.O. BOX 201698, DOHA, QATAR

Membership Ref.: A031

is a member of the Quali Middle East Association and is a signatory to the policies and procedures related to the membership of the Association.

Period of validity of the certificate: until 31.12.2021

Dubai, 30 December 2020

QUALI MIDDLE EAST ASSOCIATION

Nasir Fahmeed
General Secretary

Mailing address: Quali Middle East Association
c/o Dubai Association Centre, Office 207 (16), Level 2
Building 2 at One Central, Dubai World Trade Centre
Dubai, United Arab Emirates

P.O. Box 23070, Dubai-UAE
Phone: +971 4 516 3052-3
E-Mail: admin@qualimiddleeast.com
Internet: www.qualimiddleeast.com

QMEA License No: 225591 issued by Dubai Chamber of Commerce & Industry



GALEX
الشركة القطرية لتسليح الألمنيوم
QATAR ALUMINIUM EXTRUSION CO



Licence: 4203

Certificates



مجلس البناء الأخضر
القطري
QATAR GREEN
BUILDING COUNCIL
مجلس إدارة مهندسين
Ministry of Urban Planning

TECHNOFORM

CERTIFICATE OF QUALITY

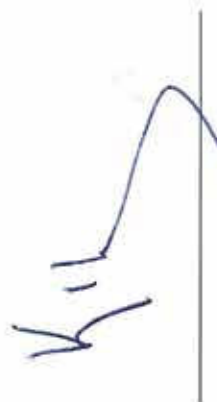
This is to certify that

Qatar Aluminium Extrusion Co.

fulfils the requirements set by Technoform in the assembly of quality Thermal Break Systems.
The aforementioned company possesses adequate technical know-how, and uses only genuine
polyamide strips made of PA66/GF25, in compliance with Technoform's standards.



Certified till June, 2025


TECHNOFORM MEIA
Managing Director



GALEX
الشركة القطرية لتسويق الألمنيوم
QATAR ALUMINIUM EXTRUSION CO



Licence: 4203

Certificates



Authorization to use the quality sign



This is to certify that

QATAR ALUMINIUM EXTRUSION COMPANY

New Industrial Area, Area No. 81, Street No 12
Gate No. 132, Pink Zone, P.O. Box 201698
QA – Doha

Licence number: 3801

is authorized to use the quality sign which is shown above, according to the regulations for the use of the quality label for ARCHITECTURAL ANODIZING as described in the current edition of the Specifications for the QUALANOD quality label for sulfuric acid-based anodizing of aluminium (Edition 01.01.2021). Architectural anodizing is one of the four types of anodizing covered by the Specifications.

Date of issue of the licence:

19.09.2018

Period of validity of the licence:

until 31.12.2021

Zurich, 20 November 2020

QUALANOD

Metin Yilmaz
President

CERTIFICATION BODY

Monica Gerber
General Secretary



Mailing address:
QUALANOD, P.O. Box, CH-8027 Zurich

Domicile:
QUALANOD
c/o ARCO Association Management AG
(certification body)
Tödiistrasse 42, CH-8002 Zurich

Website: www.qualanod.net

E-Mail: info@qualanod.net // Phone: +41 (0)43 305 09 77 / 81



GALEX
الشركة القطرية لتسويق الألمنيوم
QATAR ALUMINIUM EXTRUSION CO.



Licence: 4203

Certificates



CERTIFICATE OF ARCHITECTURAL APPROVED APPLICATOR

ARCHITECTURAL POWDER COATINGS BY PULVER

QATAR ALUMINIUM EXTRUSION CO. (GALEX)

Fulfills the requirements of the quality management of
Pulver Architectural Powder Coatings Standards
pre-treatment and the application procedures.

Hakan Akbal
EXPORT MANAGER

pulver



This certificate is valid until 31.03.2021



GALEX
الشركة القطرية لتسليم الألمنيوم
QATAR ALUMINIUM EXTRUSION CO.



Licence: 4203

Certificates



Jotun Protects Property

Certificate of Approval Qatar A. Extrusion Co

is certified as an Approved Applicator to coat

Jotun Facade

a product from Jotun Powder Coatings

This company fulfils the requirements set by Jotun Powder Coatings for pre-treatment and application of powder coatings. These include having the necessary equipment, process controls and technical knowledge to comply with Jotun Powder Coatings' standards.

January 01, 2024

(Certificate valid for one year from date above)



Authorised Signatory

Jotun Powder Coatings S.A. Co. Ltd



GALEX
الشركة القطرية لتسليم الألمنيوم
QATAR ALUMINIUM EXTRUSION CO



Licence: 4203

Certificates



Certificate of Approval *Qatar A. Extrusion Co*

is certified as an Approved Applicator to coat
Jotun Super Durable
a product from Jotun Powder Coatings

This company fulfils the requirements set by Jotun Powder Coatings for pre-treatment and application of powder coatings. These include having the necessary equipment, process controls and technical knowledge to comply with Jotun Powder Coatings' standards.

January 01, 2024

(Certificate valid for one year from date above)

Authorised Signatory
Jotun Powder Coatings S.A Co. Ltd





GALEX
الشركة القطرية لتسليح الألمنيوم
QATAR ALUMINIUM EXTRUSION CO



Licence: 4203

Certificates



Certificate of Approval

Qatar A. Extrusion Co

is certified as an Approved Applicator to coat

Jotun Durasol

a product from Jotun Powder Coatings

This company fulfils the requirements set by Jotun Powder Coatings for pre-treatment and application of powder coatings. These include having the necessary equipment, process controls and technical knowledge to comply with Jotun Powder Coatings' standards.

January 01, 2024

(Certificate valid for one year from date above)

Authorised Signatory
Jotun Powder Coatings S.A Co. Ltd



Interpon D Approved Applicator

Interpon D1000 Series

Qatar Aluminium Extrusion Co
P.O. Box 201698, New Ind Area, Doha
QATAR

Has fulfilled AkzoNobel's tests and inspection regarding the pre-treatment, application, quality management standards and procedures, and complies with the requirements of the Architectural Range Approved Applicator schedule.

This certificate is effective from

01 January 2021 to 31 December 2021

Approved for Aluminium Alloys AA 6063

Approved for Pre-treatment Type Chrome-free



António Balsinha
Business Manager
Powder Coatings – Middle East

Date: 29/12/2020

Certification number N° QAT03D1



GALEX
الشركة القطرية لتسليح الألمنيوم
QATAR ALUMINIUM EXTRUSION CO



Licence: 4203

Certificates



Interpon.
powder coatings
EVERY COLOR IS GREEN

AkzoNobel

Interpon D Approved Applicator

Interpon D2000 Series

Qatar Aluminium Extrusion Co
P.O. Box 201698, New Ind Area, Doha
QATAR

Has fulfilled AkzoNobel's tests and inspection regarding the pre-treatment, application, quality management standards and procedures, and complies with the requirements of the Architectural Range Approved Applicator schedule.

This certificate is effective from

01 January 2021 to 31 December 2021

Approved for Aluminium Alloys AA 6063

Approved for Pre-treatment Type Chrome-free

António Balsinha
Business Manager
Powder Coatings – Middle East

Date: 29/12/2020

Certification number N° QAT03D2

AkzoNobel U.A.E. Paints L.L.C.



Interpon D Approved Applicator

Interpon D3000 Series

Qatar Aluminium Extrusion Co

P.O. Box 201698, New Ind Area, Doha
QATAR

Has fulfilled AkzoNobel's tests and inspection regarding the pre-treatment, application, quality management standards and procedures, and complies with the requirements of the Architectural Range Approved Applicator schedule.

This certificate is effective from

27 April 2020 to 26 April 2021

Approved for Aluminium Alloys AA 6063

Approved for Pre-treatment Type Chrome-free



António Balsinha
Business Manager
Powder Coatings – Middle East

Date: 27/04/2020

Certification number N° QAT03D3



GALEX
الشركة القطرية لتسحب الألمنيوم
QATAR ALUMINIUM EXTRUSION CO.



Licence: 4203

Certificates






Certificate of conformity

CE

This is to Certify that the Product

Aluminum Extruded Profiles

*Type & Model: Aluminum Extruded Profiles in different finishes
(Mill finish, Anodizing, Powder Coating)*

Manufactured by

Qatar Aluminium Extrusion Company

P.O. Box 201698, New Industrial Area, Area No. 81, Gate No. 132, Street No. 12, Pink Zone, Doha, Qatar

Has been independently assessed and is compliant
With the requirements of

Directive of Construction Products 89/106/EEC Regulation No 305/2011

Standards Applied: EN 15088:2005, EN 573-3:2013

A technical documentation is completely available. For the compilation of all technical documents is authorized

Certificate No: CE896-19
Issue Date: 23 July 2019
Expiry Date: 10 July 2022


 **President**




Accredited Certification
CAD # M1502057A2



This certificate certifies the original certificate issued and is valid as long as it is displayed as an
evidence of compliance with all and applicable standards and requirements.

International Quality Service I.Q.S. is displayed as an



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Certificates



www.eurocert.gr



CERTIFICATE

of Conformity of the Factory
Production Control

Certificate No.: 1128-CPR-0148

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction products:

COATED & UNCOATED ALUMINUM EXTRUDED PROFILES AND COATED & UNCOATED ALUMINUM PRECISION PROFILES

PRODUCT	GENERAL PROVISIONS / ASSESSMENT AND TEST METHODS	REQUIREMENTS FOR SPECIFIC PROPERTIES (REFERENCED IN PRODUCT STANDARDS)	
		MECHANICAL PROPERTIES	TOLERANCES
EXTRUDED PROFILES	EN 755-1	EN 755-2	EN 755-9
PRECISION PROFILE	EN 12020-1	EN 755-2	EN 12020-2

TABLE 1 – REQUIREMENTS AND GENERAL PROVISIONS "EN 15088:2005"

Placed on the market under the name or trade mark of:

« QATAR ALUMINIUM EXTRUSION COMPANY »

New Industrial Area Street No 12, Plot No 8101 and 8102, Pink Zone, Doha, Qatar

and produced in the manufacturing plant:

New Industrial Area Street No 12, Plot No 8101 and 8102, Pink Zone, Doha, Qatar

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standards:

EN 15088 : 2005

under system 2+ are applied and that the factory production control is assessed to be in conformity with the applicable requirements.

This certificate was first issued on 2020-02-06 and will remain valid until 2023-02-06 as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the Notified Factory Production Control Certification Body

For the Notified Body

Date of 1st issue: 2020-02-06

Briskolas George
Managing Director



The validity of this certificate is subject to annual surveillances.
Check the validity of the certificate from our website using the password **56DK4v5T**
Lack of fulfillment of the conditions set out in the CPR.0148 contract may render this certificate invalid.



Product Certification
CERT.No.21

89, Chlois & Lykovriseos str., 14452, Metamorfosi - Greece
T +30 210 62.52.495, 30 210 62.53.927, F +30 210 62.03.018, M info@eurocert.gr

ΔΠΛ3.27/Ε02 (b)/ 25-07-2018



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Description



System Description

The lift and sliding thermal break system SQUID has been designed to allow the construction of high quality doors with heavy glass and huge glass panel dimensions. Particular attention to the air permeability, water proof, energy saving and acoustic.

The external frame has depth of 144 mm and movable sash 56 mm making the system suitable for housing with high save energy performance and acoustic.

Squid system allow construction of several typologies as:

- **2 open sash**
- **1 open sash and one fix**
- **4 open sash**
- **2 open sash and 2 fix sash**

Special low threshold allows minimal space from floor level

The system has been designed to optimize the sealing features to obtain the best performance.

The design of the sections and the adopted tightness material guarantee excellent thermal performance, the result value U_w generally is lower than 1.3 W/m²K using triple glass.

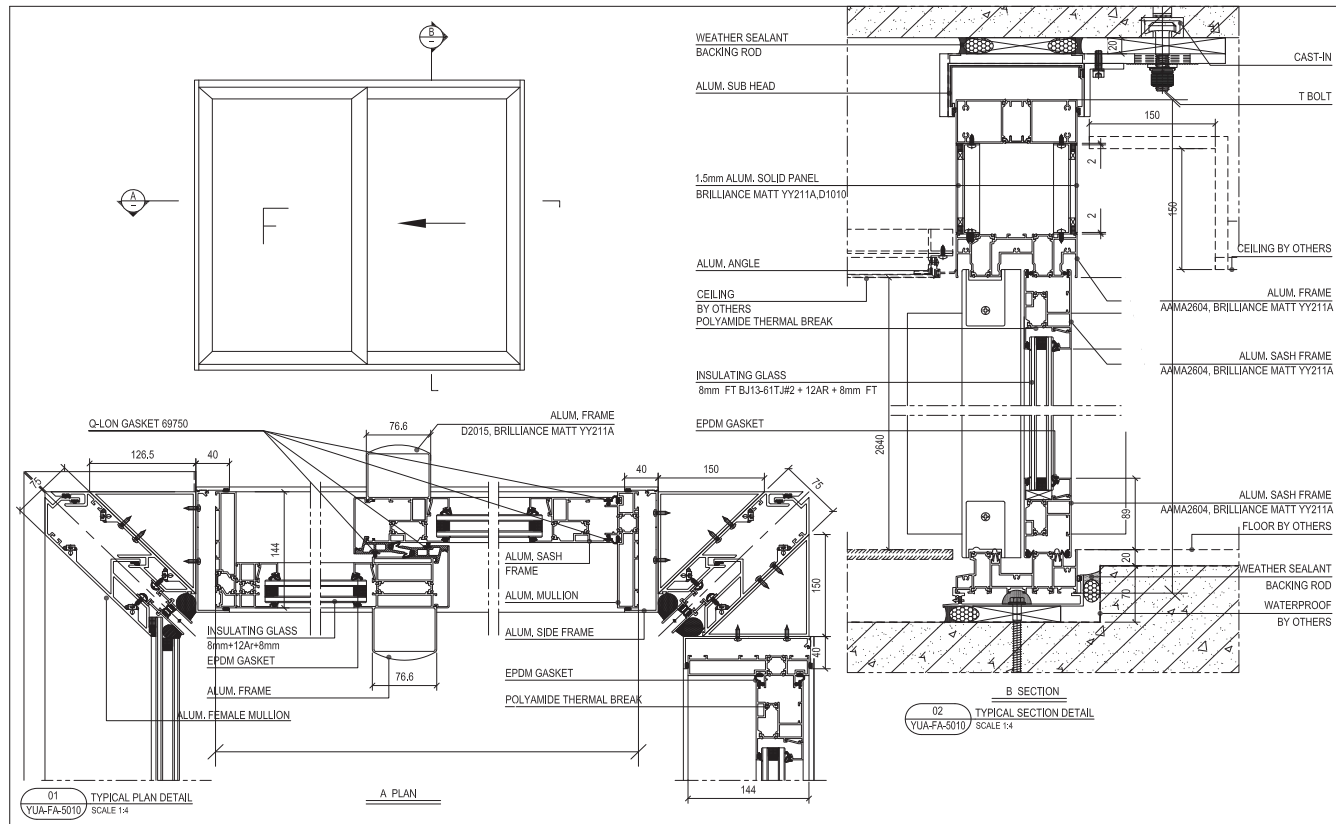


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Project	447 Collins Street		Date of Issue	29h Sep 2017
Client	Multiplex		Revision	00
Test Supervisor	Rajam Sankaran - CSIRO		Purpose	Approval
Test Samples	Test Sample 1 – Façade Type FT03 sliding door			
Test Pressures	SLS wind pressures (25 year)		ULS wind pressures (1000 year)	
	Positive (Pa)	Negative (Pa)	Positive (Pa)	Negative (Pa)
Test Sample 1	1553	-2135	2400	-3300
Reference	64_16_477 Collins Street Façade Pressure Report			
Displacement Limits (Span/)				
	Mullions	250	Max 20mm	
	Transoms / Sills (out of plane)	250	Max 20mm	
	Glass	60	Max 20mm	
	Successive member displacement		Max 3mm	
Reference	AFE Façade Specification			

PROPOSED TEST SCHEDULE

TEST SAMPLE 1

Test Step	Test	Test Parameters		
1	Preliminary Loading	Test Sample 1	+777 Pa	-1068 Pa
		Apply and hold 50% x Ws for 1 min as settling in load		
2	Structural Serviceability	Test Sample 1	1553	-2135
3	Operating force Test (AS 4420.3)	180N	Starting force	
		110N	Sustaining force	
4	Air Permeability	Test Sample 1	+150 Pa	
		Allowable air infiltration 1.6L/s m2		
5	Water Penetration (Static)	Test Sample 1	466 Pa	
		No uncontrolled water penetration		
6	Ultimate Strength	Test Sample 1	2400	-3300



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QLS144

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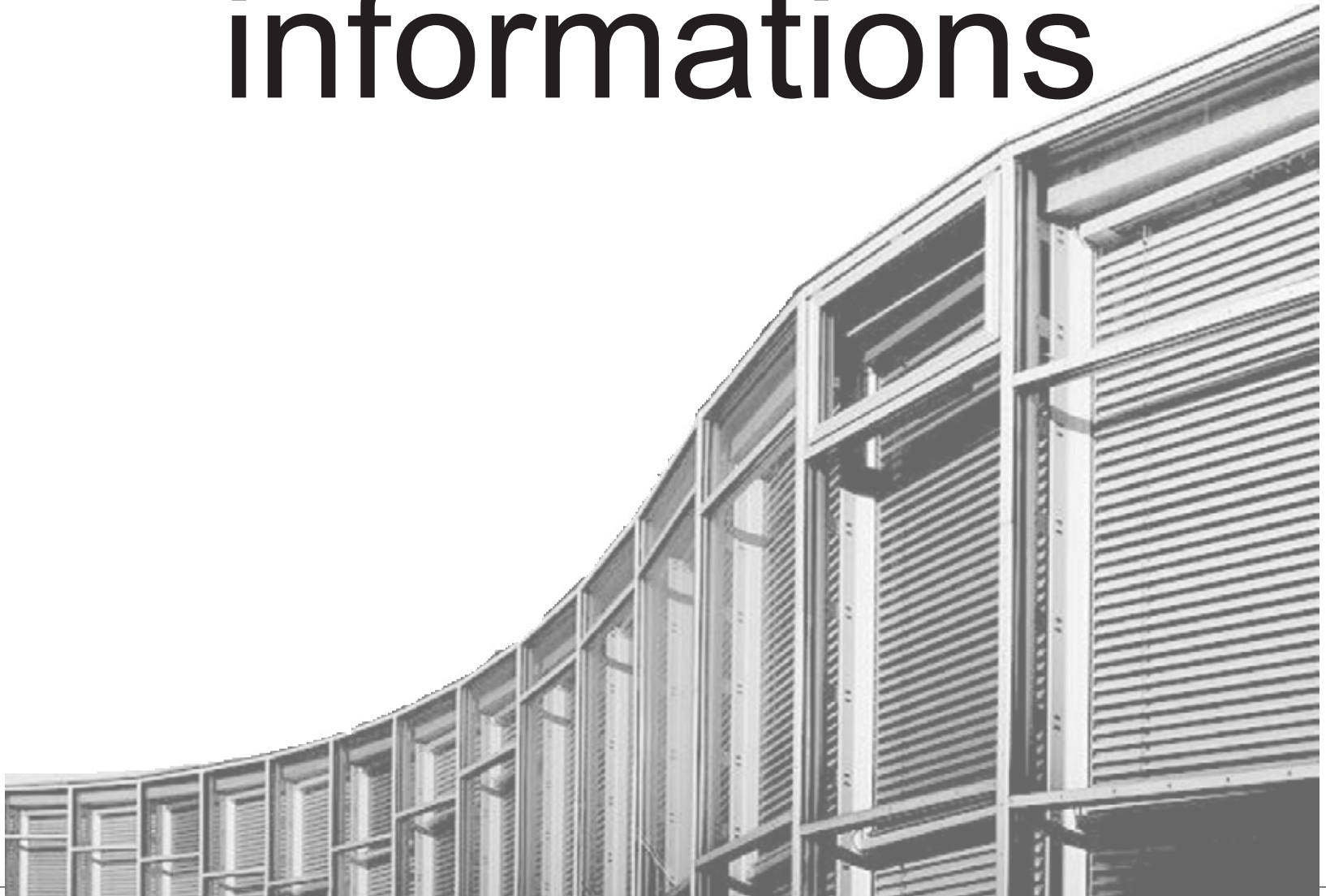
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Sector A

General informations





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SEC. A

1

General
information

WINDOWS AND DOORS SPECIFICATION

Tender for supply and installation of fixtures made with the range for thermal break windows.

Materials

The performance of windows and doors is made of aluminum alloy EN AW 6060 in the form of extruded profiles as indicated by the available standard EN 755.3.

The state of supply is in class T5 and T6 according to EN 755.2. the tolerances dimensions conform to the UNI 12020-2 , 2001.

Technical characteristics and dimensions

- Sections: be anodized extruded alloy 6060 and paintable.
- Thermal insulation system: made with polyamide spacers 15, 22 mm.
- System accessories: a room customized and patented.
- Glazing rebate height: 22 mm.
- Sliding frame depth: 144 mm.
- Fixing glazing: with glazing beads to 90°, radius R of 8 mm.
- Glass panel in space or fixed frames: from 15 mm to 48mm

Surface protection

The protection profiles can be carried out by anodic oxidation with thickness class >15 microns as per standard UN14522/00, or by thermosetting polyester powder coating and polymerized in the oven in accordance with the procedures of quality "Qualicoat" and the provisions UNI 9983.

Resistance of the finish

The surface finish must not corrode or alterations of appearance for a period of time appropriate to the life of the article. The characteristics sufficient to ensure their behavior depending on the type of environment if specified by the UNI 4522/00 for the oxidation and UNI 9983/00 for the painting, pointing out that the main factors that affect the resistance to the environment are close to the sea, air pollution, maintenance and cleaning even the rain.

Safety

In order to not cause physical harm or injury to the user, the windows must be designed in accordance with the requirements of applicable safety Law Decree 81/2008 and UNI 7697-07.



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SEC. A

2

General
information

Characteristics of glazing

The choice of glazing should be carried out according to performance criteria to meet the requirements of energy saving, sound insulation, solar control, safety. Reference standards: UNI EN ISO 140-3:06, UNI6534:74, UNI EN 572-1:04, UNI EN 12758:04, EN 12150-1:01, UNI 7143:72 DM April 2, 1998.

Seals

The seals must be exclusively designed for the original system, to guarantee the performance of the same meeting the requirements of UNI 3952:98, UNI 12365:05.

Sealants

Sealants shall be as prescribed by UNI EN ISO 11600:04. These materials should not corrode parts in aluminum and its alloys with whom they come in contact, therefore they should not be acetic acid or base polymers MS.

Accessories

The accessories must be original system products and meeting the criteria set out in the UNI and the regulatory provisions of Legislative Decree of security 81/2008.

Performance

The casement system with thermal meets the requirements of UNI EN 12207:00, EN 12208:00, EN 12210:00.

Mechanical resistance

The system and accessories will be able to withstand the use according to the limits set by the UNI 12365:05.

Sound insulation

The choice of the class of sound insulation of a window should be related to the intended use of the room in which the frame will be inserted and the level of external noise, the behavior of the window at work is influenced by factors not previously definable (h above the ground, orientation of the sound sources, etc...). The soundproofing power can then be estimated with a good approximation, based on the air permeability of the frame with a minimum permeability value equal to 2, and the soundproofing power of the glass. According to the methodology described in the reference standard UNI EN ISO 140-3:06.



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General
information

Thermal insulation

The choice of thermal insulation performance must be made according to the requirements of energy saving according to the law 10/91 and DL. 192105 and update DL. 311/06 and the requirements of environmental well-being or reference to the UNI EN ISO 10077-1:07 . You can calculate the thermal transmittance of the window from the values of transmittance profiles and surfaces according to UNI EN ISO 10077-1:07 using the formula:

$$U_w = (A_g \cdot U_g + A_f \cdot U_f + I_g \cdot \Psi) \div (A_g + A_f)$$

Certifications

It will be possible to ask the manufacturer of windows and doors, or failing that, the manufacturer of profiles, photocopy of test reports relating to certain benefits.

The UNI EN 14351-1 applies to windows, doors, pedestrian doors to the outside, the exterior doors on escape routes. the roof windows/skylights (including those resistant to fire from the outside), the ribbon windows. Coupled to the windows and the windows are double rooms. These windows can be one or more doors, door furniture and stationary parts, opening inwards or outwards, manual handling or automated, fully or partially glazed, with or without frame containment glazing, with or without shielding devices incorporated.

The UNI EN 14351-1 does not apply to:

- Windows, doors and pedestrian doors with characteristics of fire resistance and smoke leakage.
- The inner doors (EN 14351-2).
- The external shutters (UNI EN 13659).
- The revolving doors.
- The windows placed on escape routes.

The norm provides for certain requirements volunteers and/or required:

- Water tightness.
- Release of dangerous substances.
- Resistance to impact.
- Wind resistance.
- Load-bearing capacity of safety devices.
- Sound insulation.
- Thermal insulation.
- Property radiant Glazing (light transmission).
- Permeability.



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SEC. A

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General
information

Plan Production Control (FPC)

The control of production in the factory is a system exercised by the manufacturer under its responsibility, in order to ensure that the constructional characteristics of the product are maintained over time within certain limits. "The manufacturer shall establish documented procedures to indicate the mode that the staff assigned to the various controls, will undertake to monitor the frequency and accuracy of the process assigned to it". Constructor is required to ensure the traceability of the product through the use of codes or another. By means of a diagram, the manufacturer is required to notify the customer signs on the use, handling, installation, maintenance and cleaning of the product. They are not analyzed characteristics.

Track tender

Aluminium windows to room personalized made with the series called thermal cutting tunnels with sealing means of the open joint.

The profiles are extruded aluminum alloy 6060 (EN 573.3), state of supply T5 and T6 in accordance with EN 755.2 dimensional tolerances and thicknesses conforming to UN112020-2:2001. The thermal insulation will consist of bars with height 15 mm, 22 mm, 6.6 polyamide reinforced with glass fibers 25, the assembly of the fingers is effected by means of mechanical rolling computed, and the mechanical characteristics of the fingers will remain unchanged up to a maximum temperature of treatment of 245°C.

The production process is controlled according to the rules UAETC, the slip values must be higher than 24 daN/mm. The fixed frame has variable depth 144 mm will have a depth of 56 mm.

The profiles will have straight lines or rounded internally and speedy with the possibility of accommodating solutions glazing beads with cut at 45° or 90°. The sealing of glazing must be in accordance with the instructions given in the catalog and only with original bead seals. Appropriate drainage holes must be provided on the fixed frame and on the movable one in order to allow proper drainage of the window. The choice of the profiles will be a function of the geometric and dimensional characteristics of the casing, the flow of accessories and operating loads. The accessories used in the manufacture of various types will be solely and exclusively original ones specifically designed for the system, shown in the catalog, the use of products other than those indicated or the partial or incorrect assembly of the same will result in the invalidation of test certificates and warranty. The manufacture and installation must be done according to the criteria of business as set by designer of the whole system. The assembly of profiles will be done with brackets in extruded aluminum, the cuts will have to be protected by silicone or acrylic sealants MS polymers.

The protection and finishing of the profiles will be made by the normal surface treatments, anodic oxidation in conformity with the quality label "Qualanod" or by means of thermosetting polyester powder coating and oven cured at temperatures between 185°C and 195°C, in accordance with the quality label "Qualicoat".



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SEC. A

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General
information

Laying

It is very important to get a good functioning of the frame, meticulously take care of the verticality and leveling of the frame, and then perform the sealing mastics using neutral following the advice of the example below, also check that the openings are loaded sufficiently (shimming the 1-2 mm of glass out of the frame), so that, with the settling of the materials will not occur intolerance of operation over time.

Maintenance of aluminum surfaces

As a result of high rates of pollution now achieved in all countries, especially in large urban centers and coastal areas windswept sea, it is very important that the aluminum surfaces in contact with the atmosphere, are regularly cleaned. Our aim is to sensitize the manufacturer of windows and doors so that you can advise reflection of the CLIENT in the best way .

It is good practice to consider 3 basic points:

- How many times must be carried out the cleaning operation throughout the year the period.
- The product to be used.

Here are the answers:

The number of operations is determined on the basis of the state of pollution of the area in which is located the block, ranging from 1 to 3 times a year.

The period can be:

- At the end of winter.
- In mid-summer.
- In mid- autumn to choose from depending on the number of interventions.

The cleaning product is important that it is neutral, the wrong product could spoil the different materials that make up a frame, (gaskets, sealants, marble, etc...) and cause damage that could compromise the functionality and durability of the same.

The characteristics of these products along with the frequency of cleaning to be taken are set out in the draft standards and UNIMET12.04.270 E12.04.277.0.

In the absence of a neutral product is best to use warm water with a non-abrasive cloth.

For proper installation, maintenance and cleaning of windows, please also refer to the instructions given on the following technical notes UNCSAAL:

- UX 42 guide to installation of windows.
- UX 10 surface cleaning of windows and curtain walls.



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SEC. A

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General
information

Phases of painting

1. The painting cycle offers the possibility of obtaining on fixtures an excellent protective coating surface and a greater vividness of the color.
2. The layer thickness must be min. 60 micron on the visible parts.
3. The material will be subjected to the following process.
 - Degreasing without attack.
 - Washing.
 - Pickling with alkaline attack.
 - Washing.
 - Deoxidation.
 - Washing.
 - Chromate.
 - Washing in demineralized water.
 - Drying at 75°C.
 - Paintwork in thermosetting powders.
 - Polymerization in oven.

All work performed on aluminum shall conform to the requirements of the quality label "Qualicoat".

Stages of anodizing

1. The oxide layer may vary according to the area of location of the frame from 15 to 20 microns (UNI4522 -66);
2. May be normal or electro;
3. The material will be subjected to the following process:
 - Degreasing without attack.
 - Washing.
 - Pickling with alkaline attack (except the glossy finish)
 - Washing.
 - Deoxidation.
 - Washing.
 - Oxidation in sulfuric acid bath at 18/20°C, a density of corrosion 1.5 [A] dmq.
 - Colors or inorganic or organic electro (except silver).
 - Dry double.
 - Drying.
 - Fixing step hot boiling to nickel salts, fixing 2.5/3 minutes per micron thickness.

Observation

In the preventive phase the designer or fabricator will determine the type of window to be used on the basis of information provided by the client. In choosing or control should be considered, based on the pressure of the wind, the moment of inertia and must choose the necessary section in the range. Obviously shall be used appropriate accessories, including the original for the series tunnels.



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SEC. A

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General
information

Size and weight profiles

The dimensions and weights indicated on the drawings of the sections in the catalogue are theoretical ones and may vary depending on the dimensional tolerances of extrusion (UNI EN 12020-02) and the type of finish. Even the paint, helps to increase the thickness, thus reducing the insertion sites of the seals and accessories. This variability could affect the size of the cut, and consequently those of the finished frame.

Trim size

The theoretical dimensions of cut indicated in this catalog should be changed depending on the type and on the basis of the precision cutting machine you are using, for example, the windows at 3 and 4 doors and the windows of the doors should have small dimensions narrower than the theoretical.

Advice for correct assembly

For best results we recommend using the profiles tunnels to observe carefully all the items shown below, all designed to reinforce the weak points of a common window, thus optimizing the performance offered by the window.



SEC. A

8

General
information

<i>Correct procedure</i>	<i>Target</i>
Seal the profiles to each other in the joint at 45°	Prevents water seepage prevents corrosion and oxidation
Seal the profiles on the stiles and rails when the same are payable	Prevents water seepage prevents corrosion and oxidation
Use the corner of vulcanized rubber gasket central	Increases the permeability increases water tightness
For the wind load and use the profiled glass with Jx and Jy suitable	Avoid inappropriate choices Profile
Seal the perimeter of the window frame and the subframe profile with neutral sealant	Avoid water infiltration
Always use the dowel to register	Facilitates installation, fits better the frame, island materials
Protect all work performed on sections	Prevents corrosion by increasing the length of the frame in time
Use jigs during the 45° cut	It guarantees a proper cut for a perfect corner joint
In brackets using two-component structural adhesive	Ensures high quality jointing



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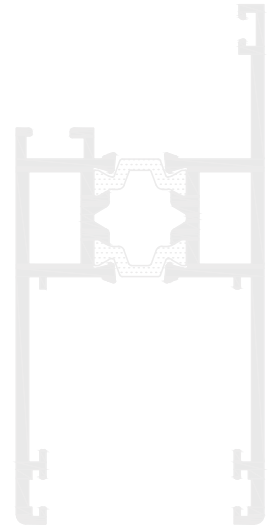


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Sector B



Sections data base





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SQUID 144



SEC. B

001

SECTIONS

CODE	REF IMAGE	WEIGHT kg/m	Jx cm ⁴	Jy cm ⁴	SERIES
9035657		2.191	8,09	160,64	QLS144
903626364		3.381	29,29	238,94	QLS144
903585960		3.178	34,44	261,34	QLS144
AXS14504*		2,20	5,69	153,44	QLS144
AXS14505*		3,24	22,91	203,82	QLS144
AXS14506*		3,31	20,90	206,54	QLS144
9035561		1.994	38,15	31,90	QLS144



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SQUID 144



مجلس
البناء
الخضراء
QATAR GREEN
BUILDING COUNCIL
مجلس
البناء
الخضراء
Ministry of Urban Planning

SEC. B

002

SECTIONS

CODE	REF IMAGE	WEIGHT kg/m	Jx cm ⁴	Jy cm ⁴	SERIES
90351		0.426			QLS144
90354		0.150			QLS144
AXS14510*		2,82	67,62	45,71	QLS144
AXW6502*		0,42			QLS144
AXS14512*		2,14	7,06	137,53	QLS144
9035353		1,05			QLS144



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SQUID 144



SEC. B

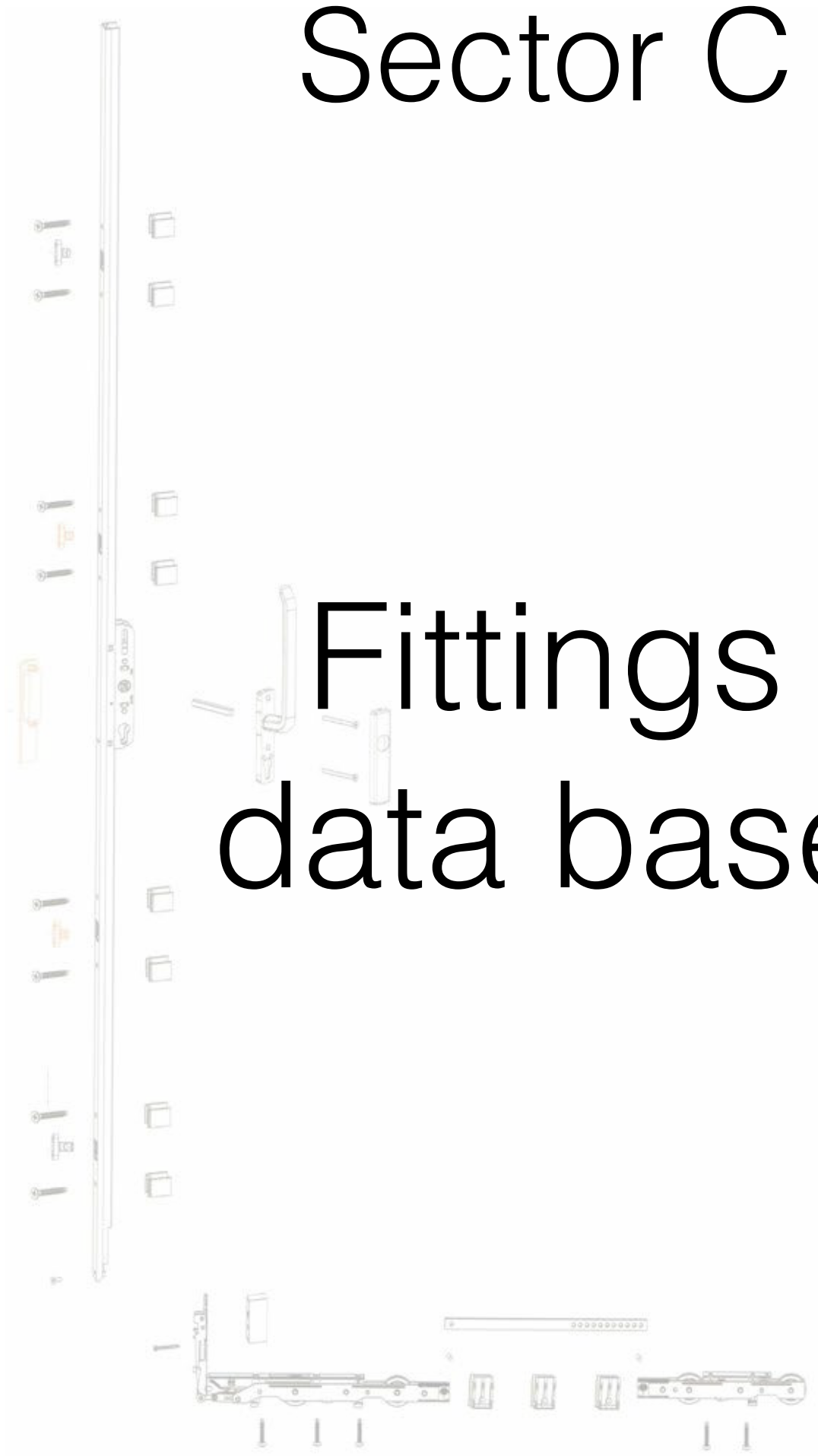
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SECTIONS

CODE	REF IMAGE	WEIGHT kg/m	Jx cm ⁴	Jy cm ⁴	SERIES
90856		0,298			QLS144
90855		0,291			QLS144
90803		0,284			QLS144
90844		0,268			QLS144
90845		0,237			QLS144
90846		0,234			QLS144

Sector C

Fittings data base





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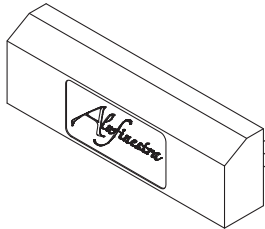
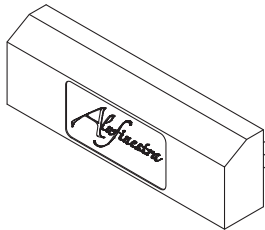
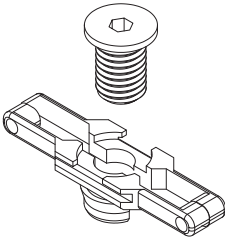
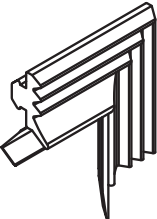
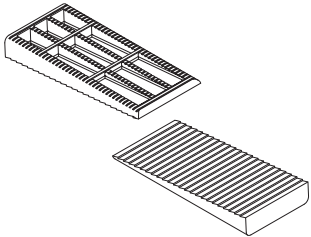
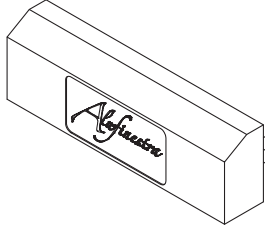
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SEC. C

001

FITTINGS

CODE	REF IMAGE	DESCRIPTION	SERIES
QALS001*		water drain cup	QLS144
QALS002		water drain cup windproof	QLS144
QALS003*		adjustment block	QLS144
QALS004*		nylon plug Ø10,5mm	QLS144
QALS005		vulcanized gasket corner compatible with gasket G00000020	QLS144
QALS006		glass adjustment block	QLS144
QALS007*		water drain cup assembly	QLS144



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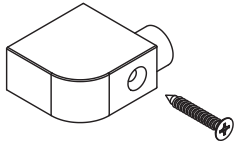
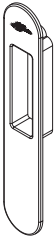
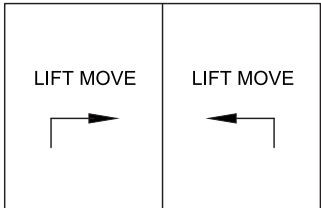
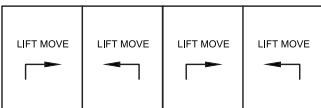
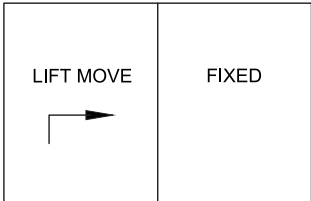
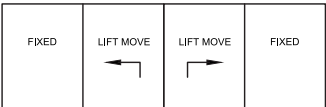


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SQUID 144



SEC. C 002 FITTINGS

CODE	REF IMAGE	DESCRIPTION	SERIES
QALS008		stroke end	QLS144
QALS009		handle	QLS144
QALS010		external handle	QLS144
QALS011		2 movable panels kit lift movement	QLS144
QALS012		4 movable panels kit lift movement	QLS144
QALS013		1 movable panel and 1 fixed panel kit lift movement	QLS144
QALS014		2 movable panels and 2 fixed panels kit lift movement	QLS144



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SQUID 144



SEC. C

003

FITTINGS

CODE	REF IMAGE	DESCRIPTION	SERIES
QALS015		transmission device 19mm (H 1.80 to 2.20)	QLS144
QALS016		transmission device 19mm (H 2.09 to 2.39)	QLS144
QALS017		transmission device 19mm (H 2.39 to 2.69)	QLS144
QALS018		transmission device 4 panels 19mm (H 1.80 to 2.20)	QLS144
QALS019		transmission device 4 panels 19mm (H 2.09 to 2.39)	QLS144
QALS020		transmission device 4 panels 19mm (H 2.39 to 2.69)	QLS144
QALS021		connection rod 895 (sw 0.72 to 1.5)	QLS144



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SQUID 144



SEC. C

004

FITTINGS

CODE	REF IMAGE	DESCRIPTION	SERIES
QALS022		connection rod 1200 (sw 1.5 to 2)	QLS144
QALS023		connection rod 1500 (sw 2 to 2.5)	QLS144



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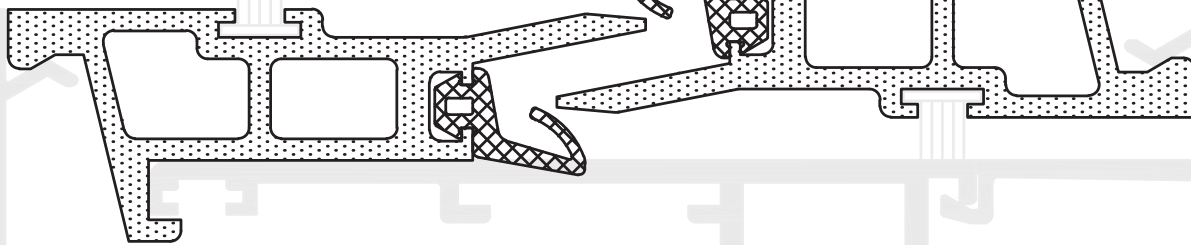
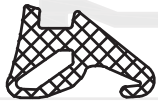
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مجلس البناى الأخضر
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Sector D

Gaskets data base





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الشركة القطرية لتسحب الألمنيوم
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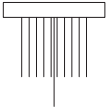
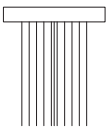
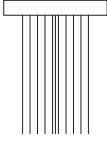
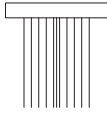
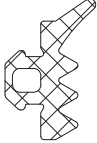
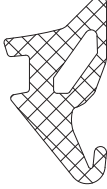
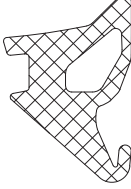
SQUID 144



SEC. D

001

GASKETS

CODE	REF IMAGE	DESCRIPTION	SERIES
QBLS001*		brush 5mm	QLS144
QBLS002*		brush 8mm	QLS144
QBLS003		brush 9mm	QLS144
QBLS004*		brush 7mm	QLS144
QGLS001		external glass gasket	QLS144
QGLS002		internal glass gasket thickness from 3,5mm to 5,5mm	QLS144
QGLS003*		internal glass gasket thickness from 5,5mm to 7,5mm	QLS144



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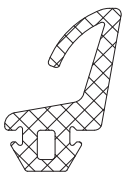
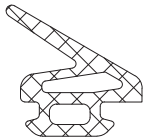
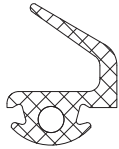
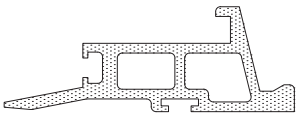
SQUID 144



SEC. D

002

GASKETS

CODE	REF IMAGE	DESCRIPTION	SERIES
QGLS004*		internal glass gasket thickness from 2,5mm to 3,5mm	QLS144
QGLS005		interlock gasket	QLS144
QGLS006		bottom movable frame gasket	QLS144
QGLS007		vertical side frame gasket	QLS144
QPLS001		hard PVC interlock	QLS144



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SQUID 144



Sector E

SQUID 144

aluminum sections.....	from E001 to E003
assembled sections.....	from E004 to E013
glazing table.....	from E014 to E014
cutting list with BOM.....	from E016 to E023



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الشركة القطرية لتسحب الألمنيوم
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SQUID 144

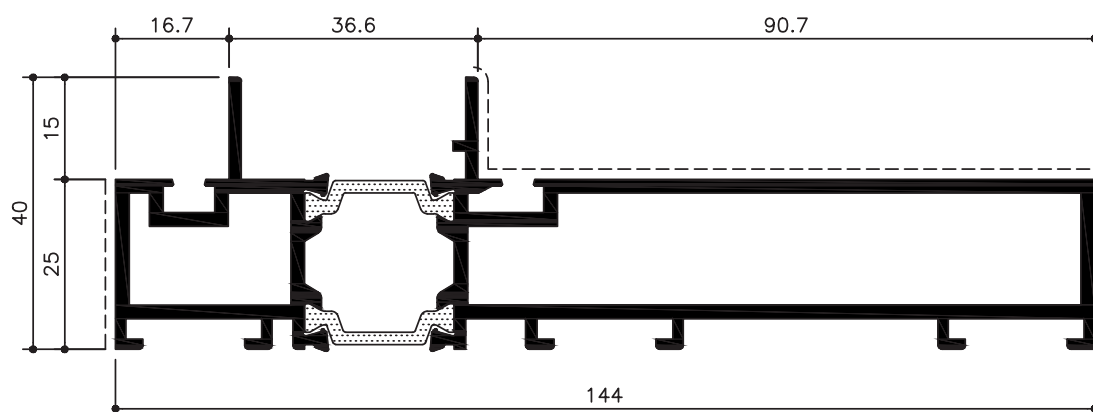


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مجلس إدارة البناء
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SEC. E

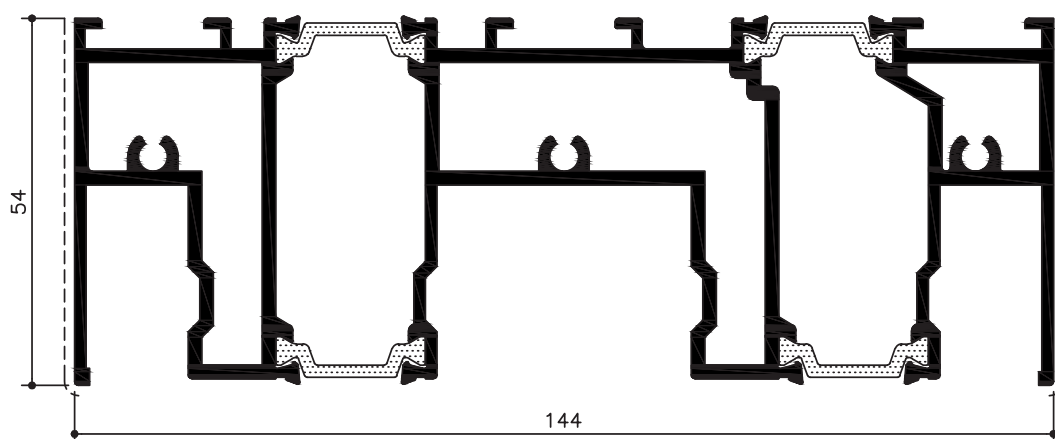
001

SQUID



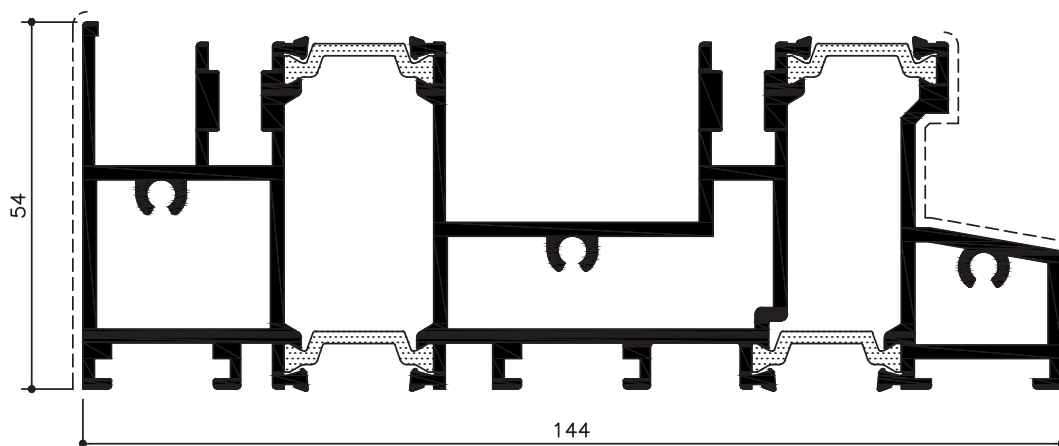
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W=2,191kg/m



903585960

W=3,178Kg/m



903626364

W=3,381Kg/m



GALEX
الشركة القطرية لتسليح الألمنيوم
QATAR ALUMINIUM EXTRUSION CO.



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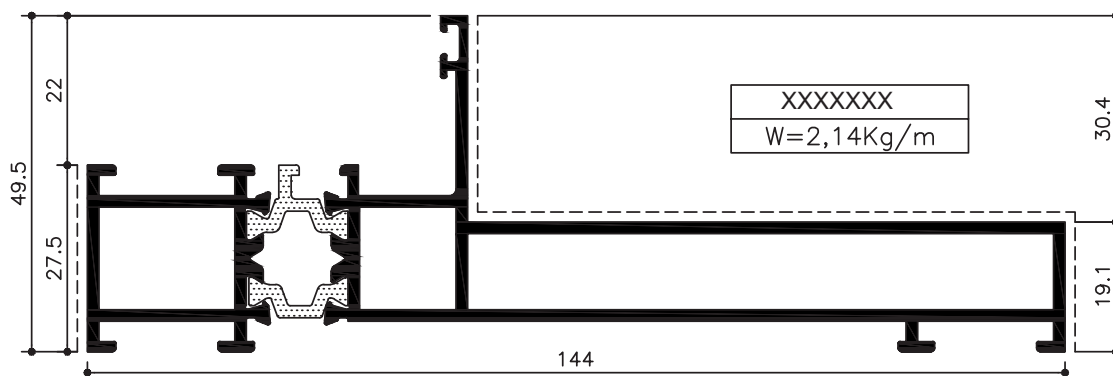
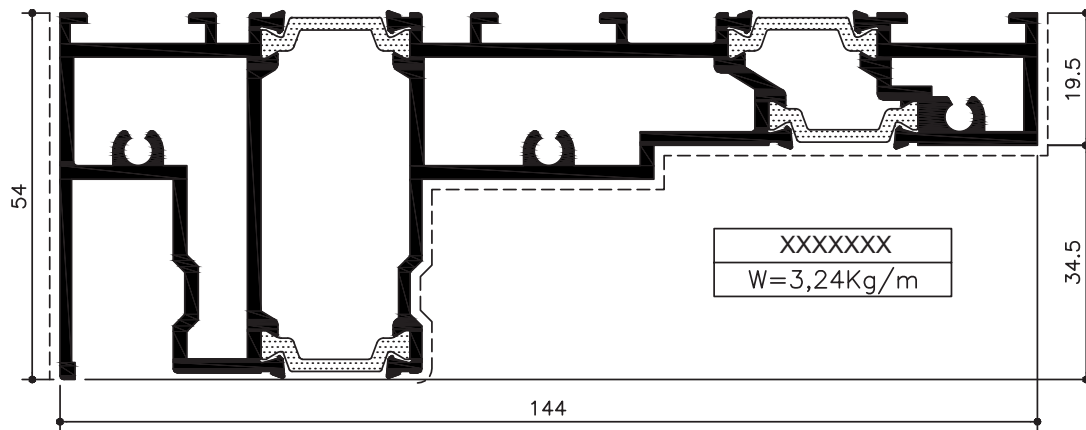
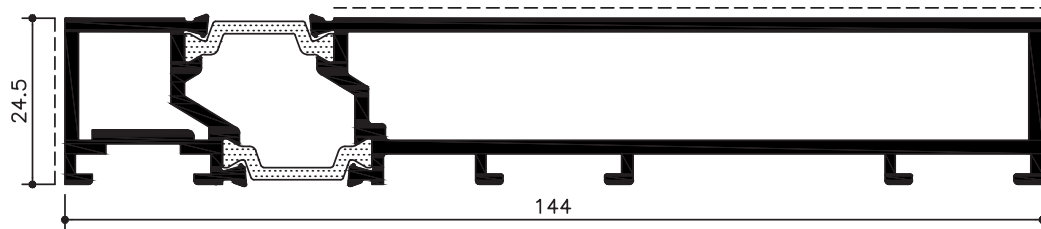
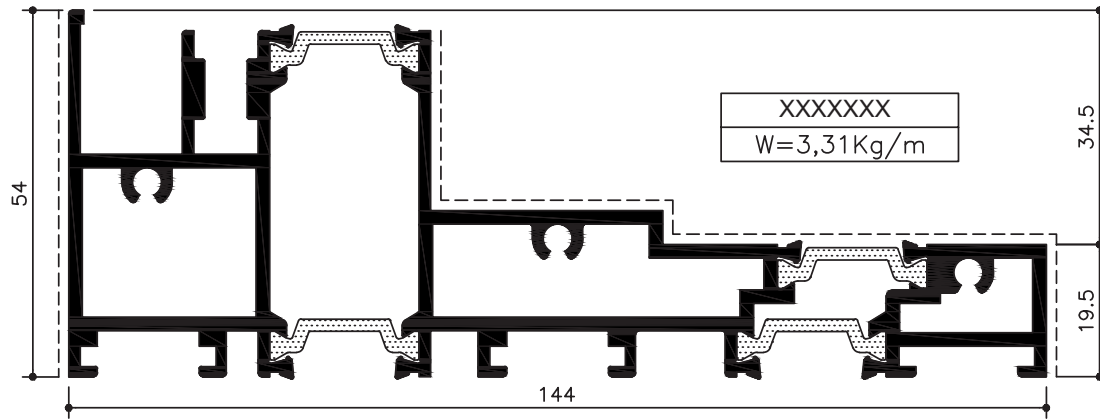
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SEC. E

002

SQUID





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الشركة القطرية لتسويق الألمنيوم
QATAR ALUMINIUM EXTRUSION CO



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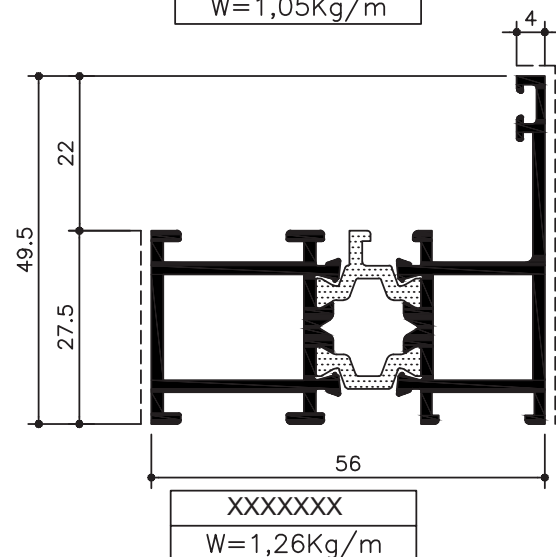
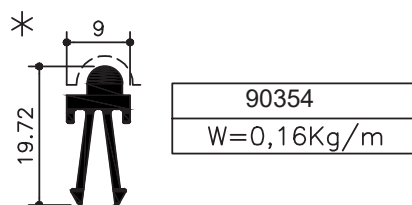
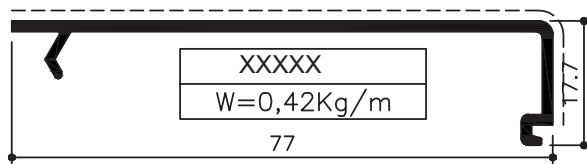
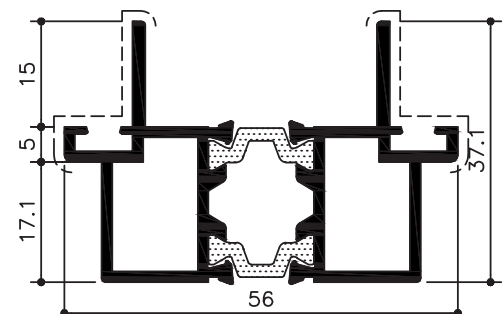
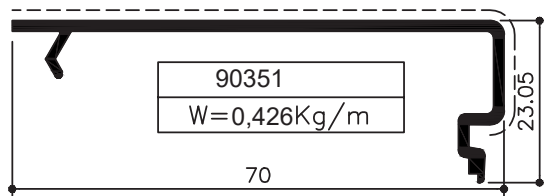
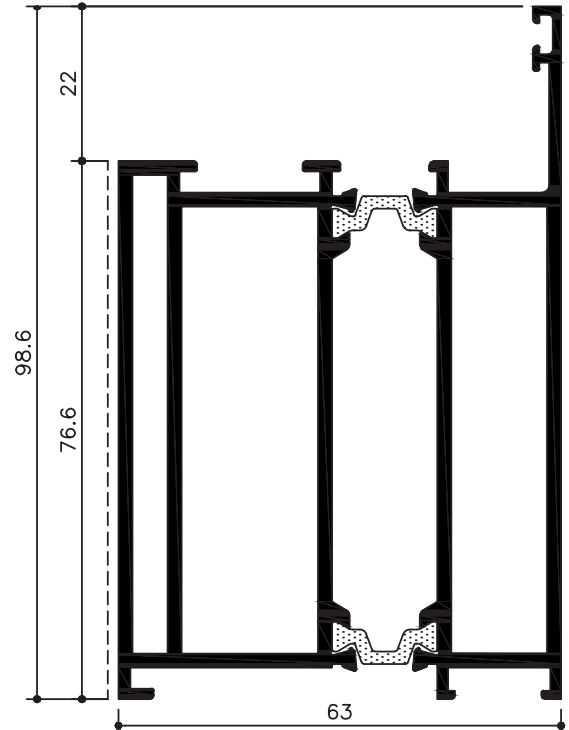
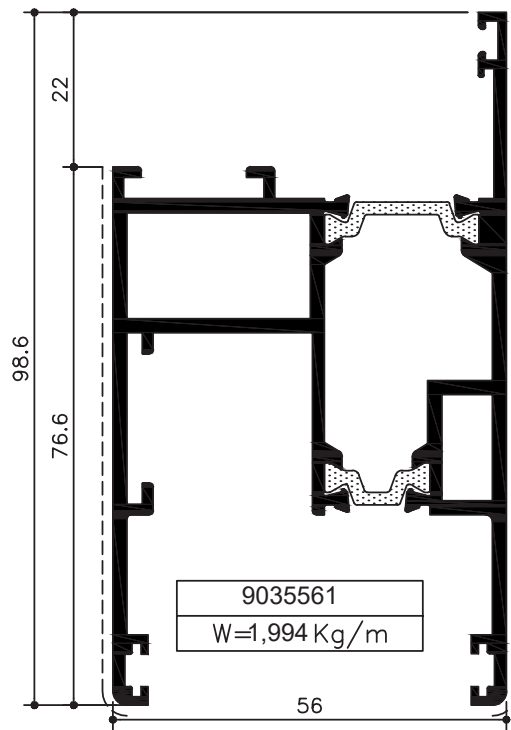
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SEC. E

003

SQUID



*This section has to be only anodized.



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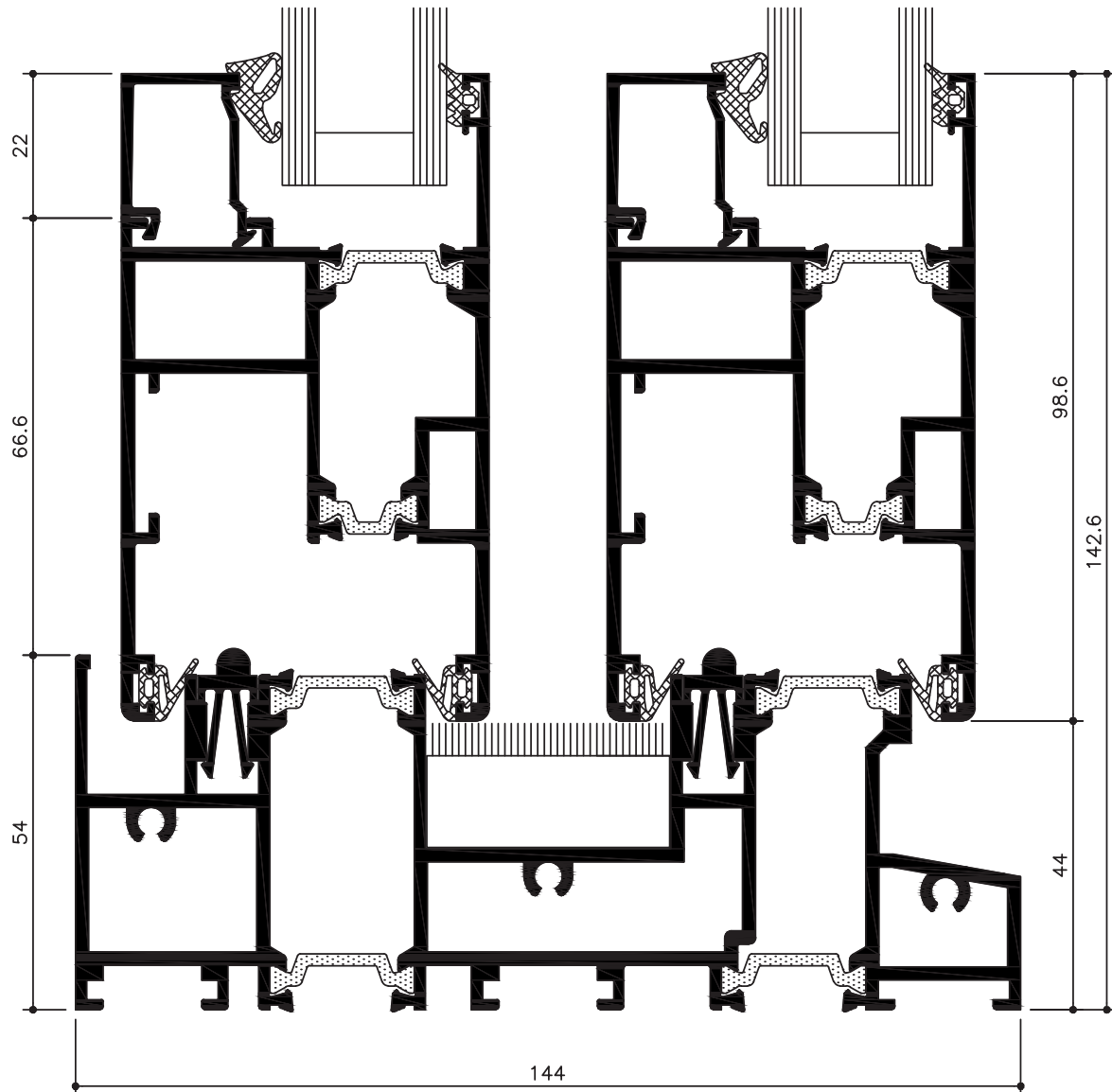
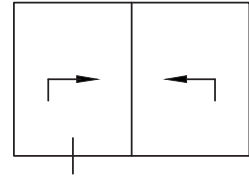


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مجلس البناء الأخضر
مجلس إدارة البناء
Ministry of Urban Planning

SEC. E

004

SQUID





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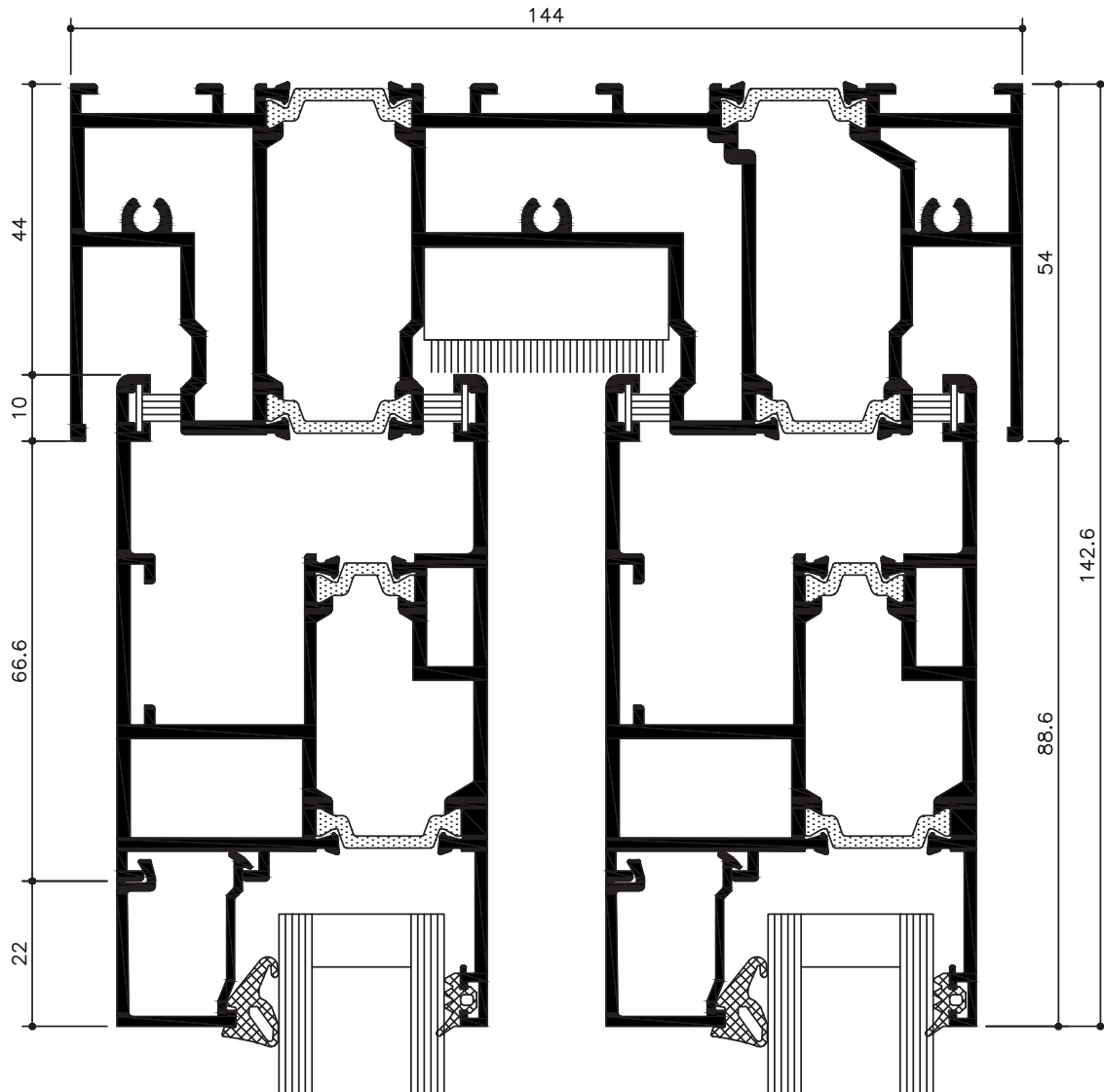
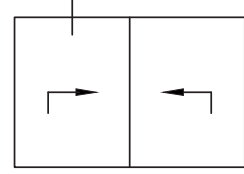


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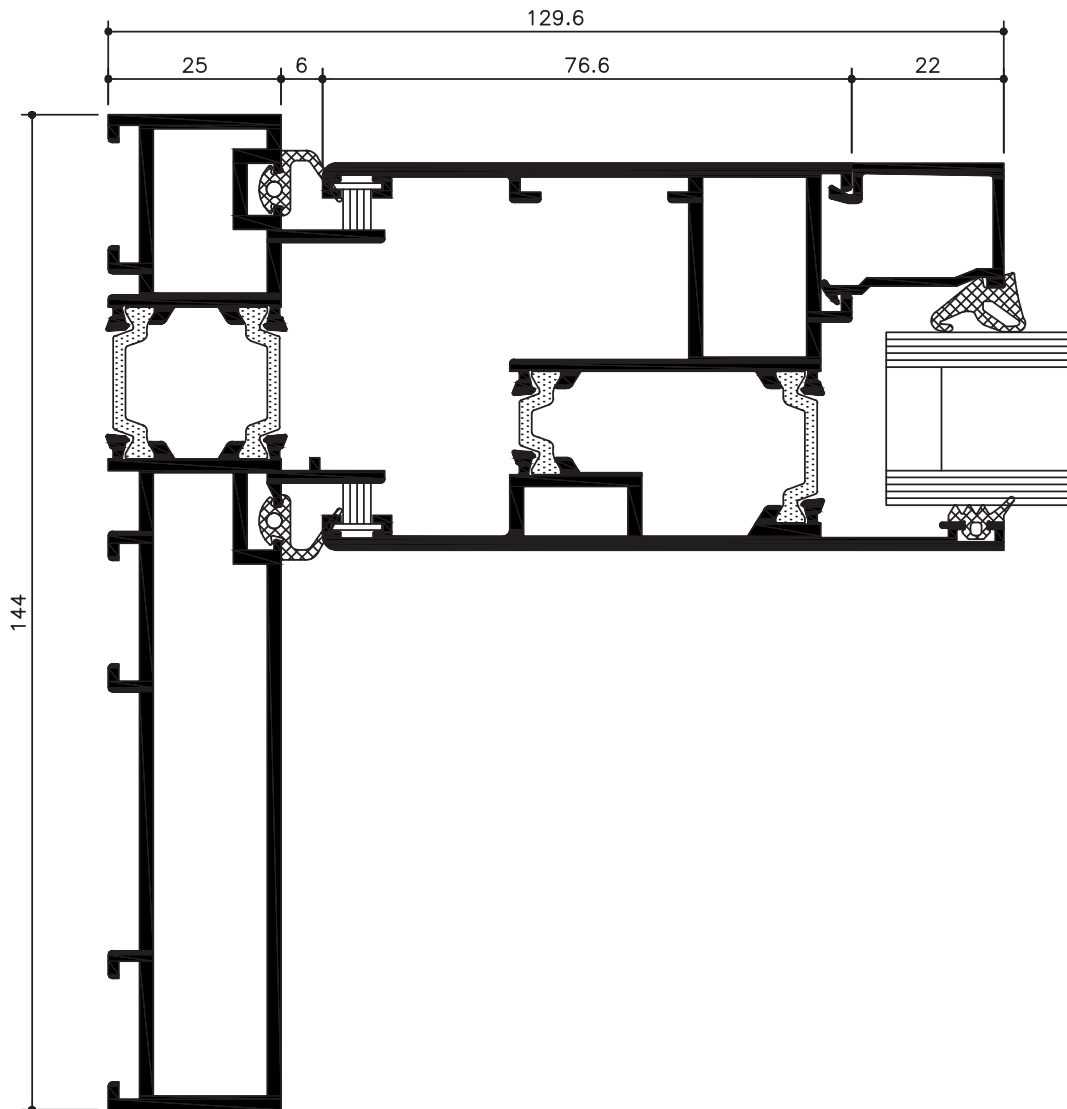
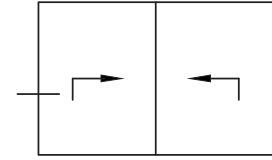


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الخضراء
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البناء
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006

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الشركة القطرية لتسويق الألمنيوم
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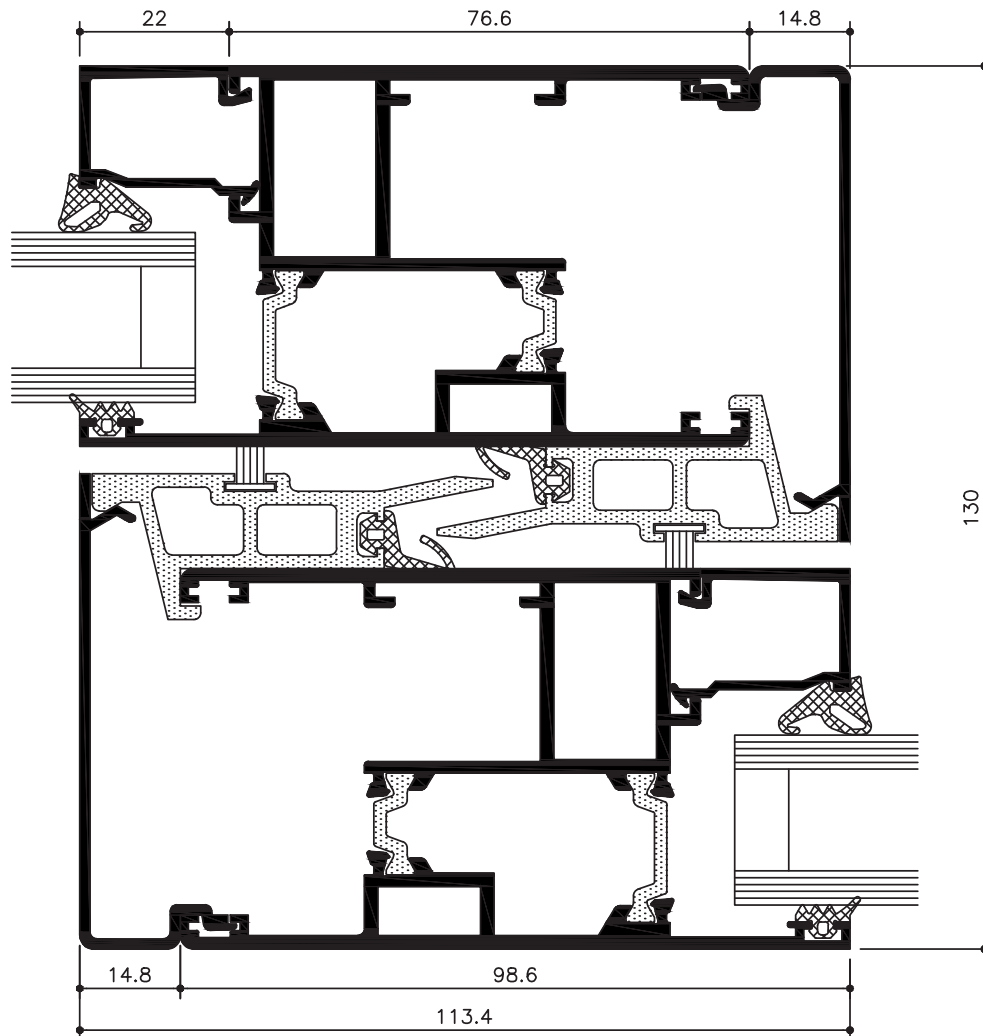
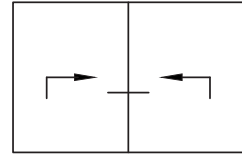


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البناء
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SEC. E

007

SQUID





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الشركة القطرية لتسويق الألمنيوم
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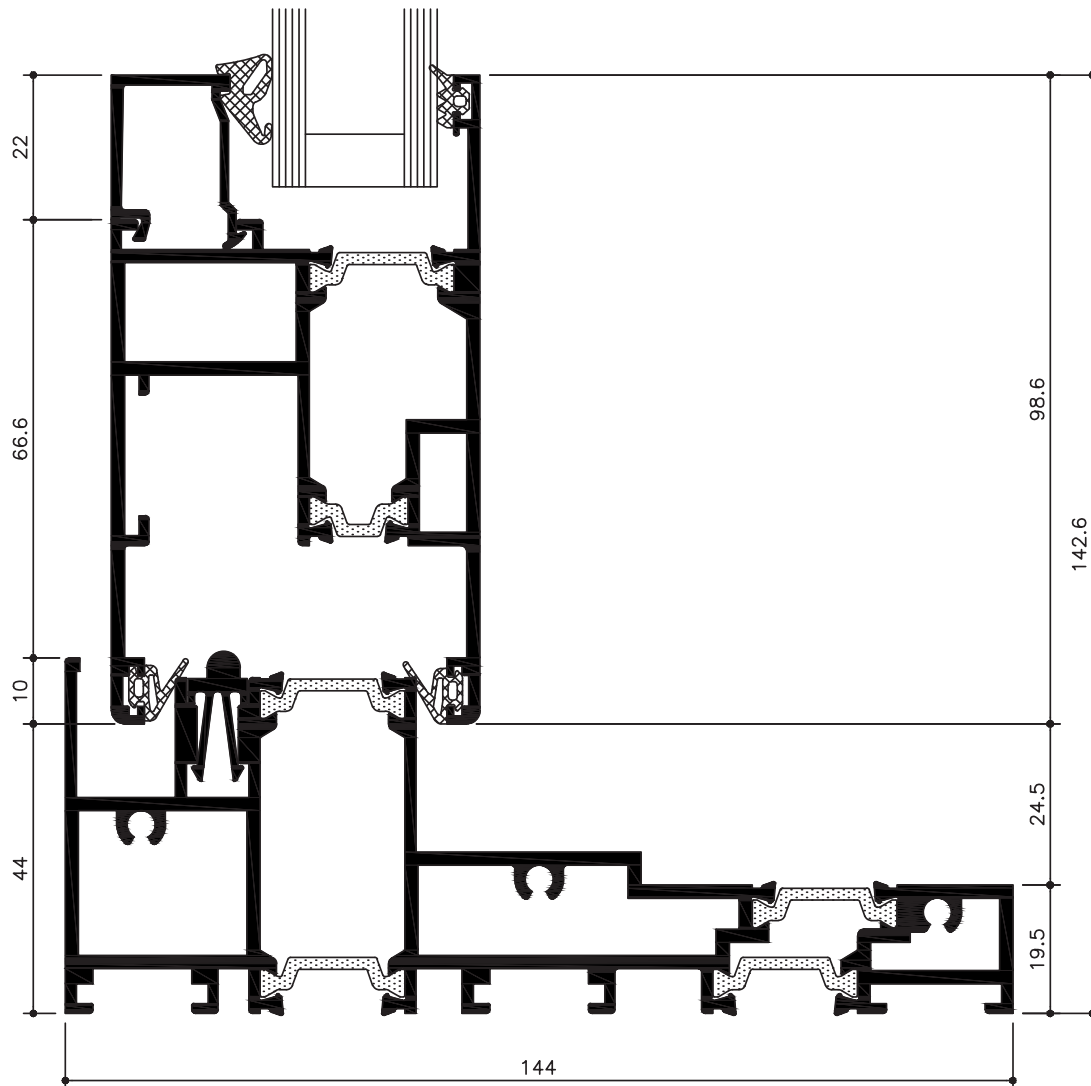
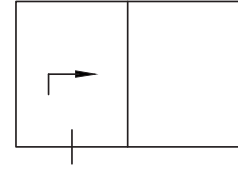


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008

SQUID





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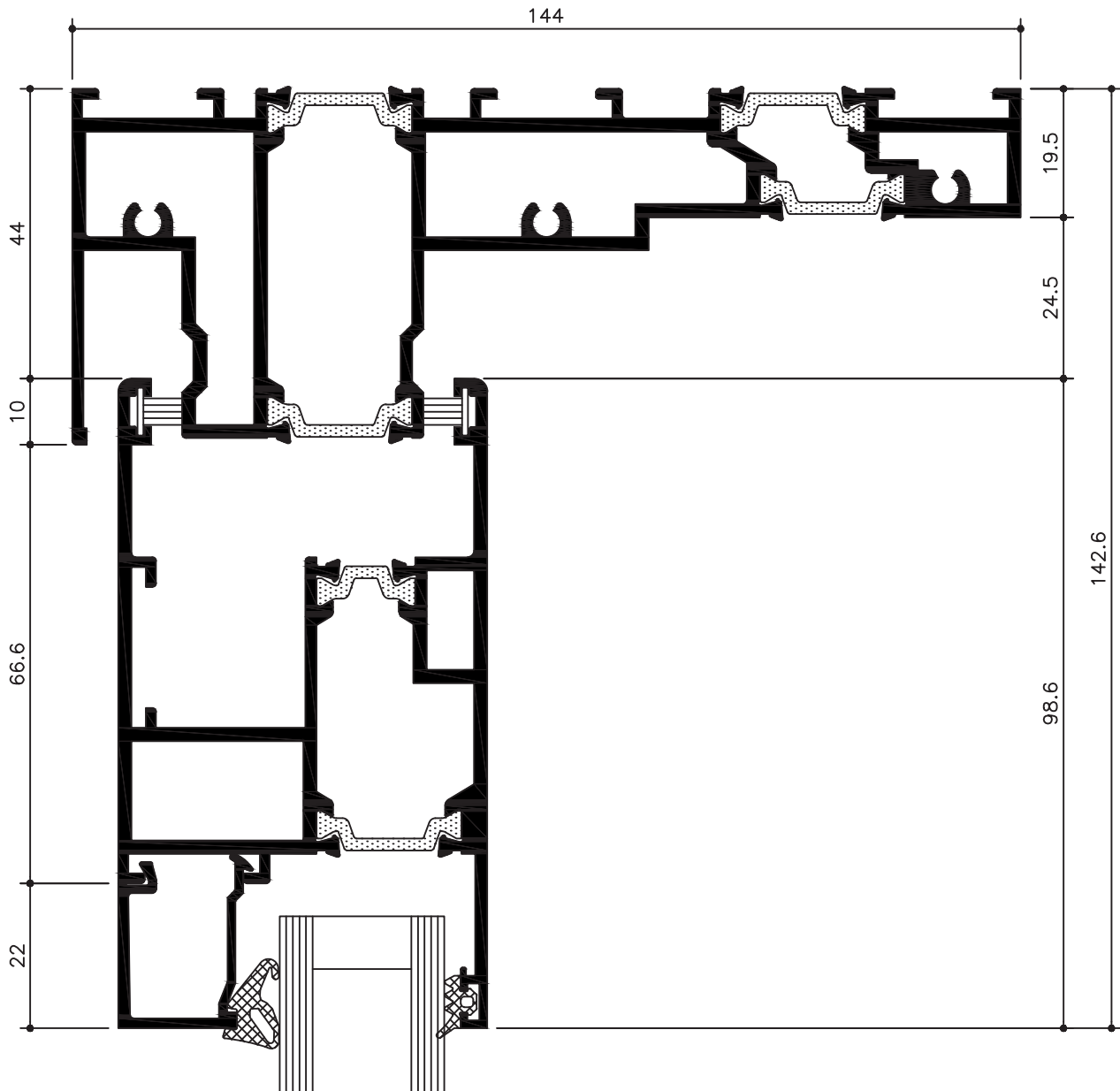
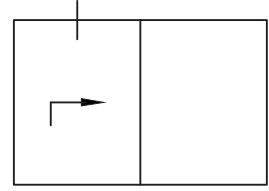


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SEC. E

009

SQUID





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SQUID 144



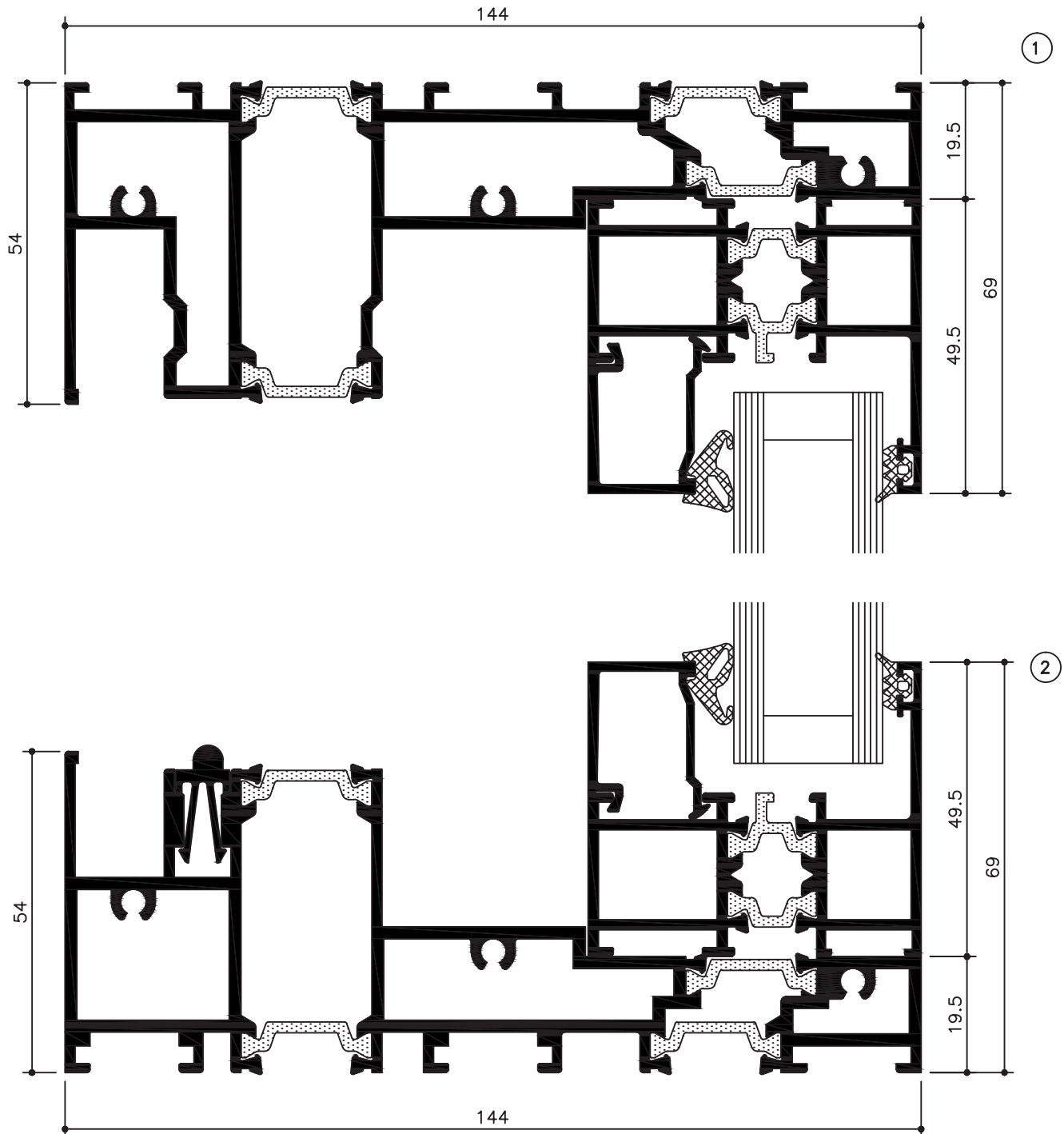
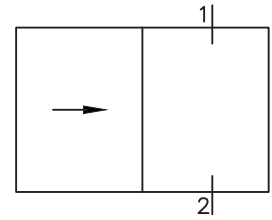
مجلس البناء الأخضر
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مجلس البناء الأخضر
القطري

SEC. E

010

SQUID

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الشركة القطرية لتسويق الألمنيوم
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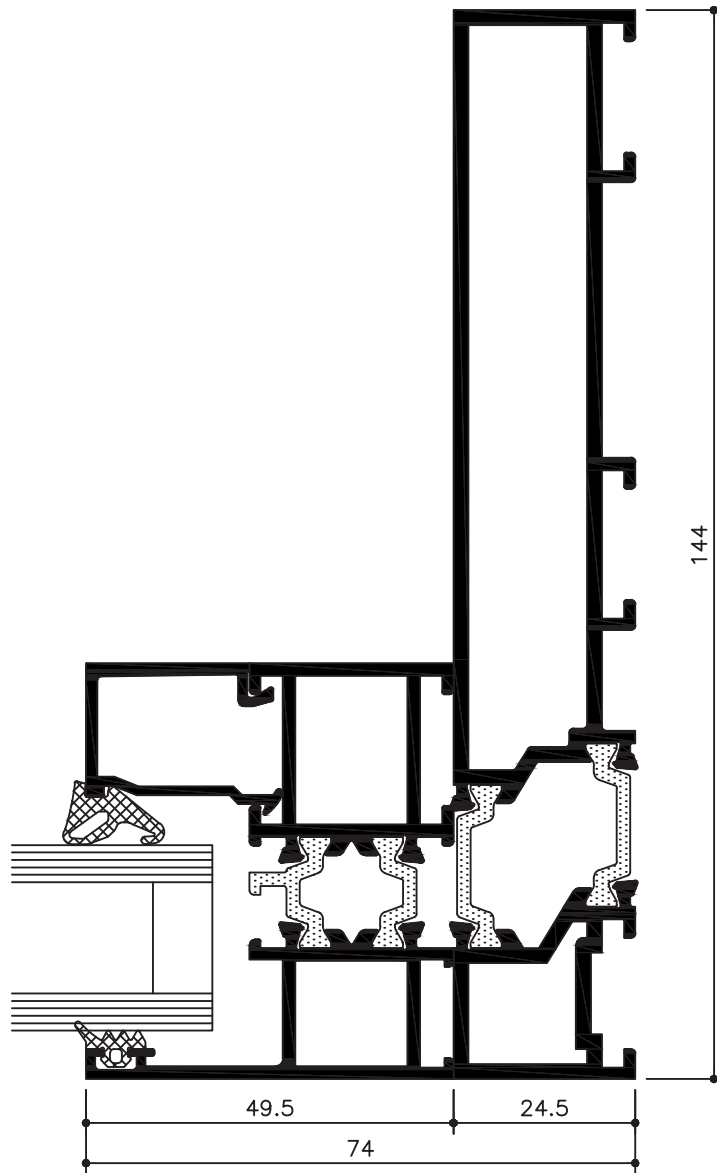
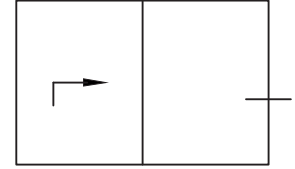
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SEC. E

011

SQUID





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SQUID 144

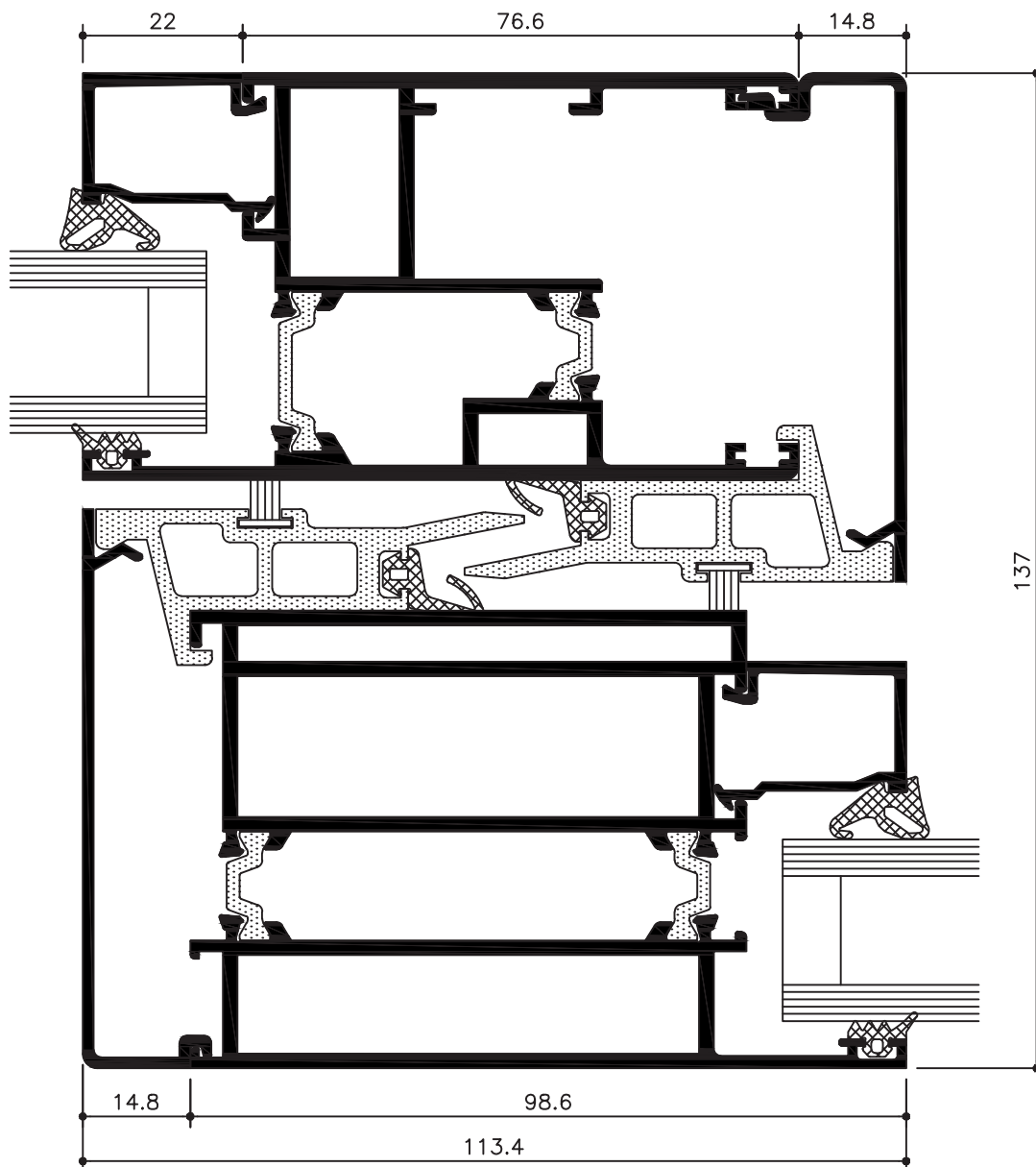
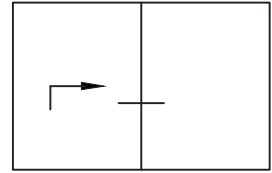


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SEC. E

012

SQUID





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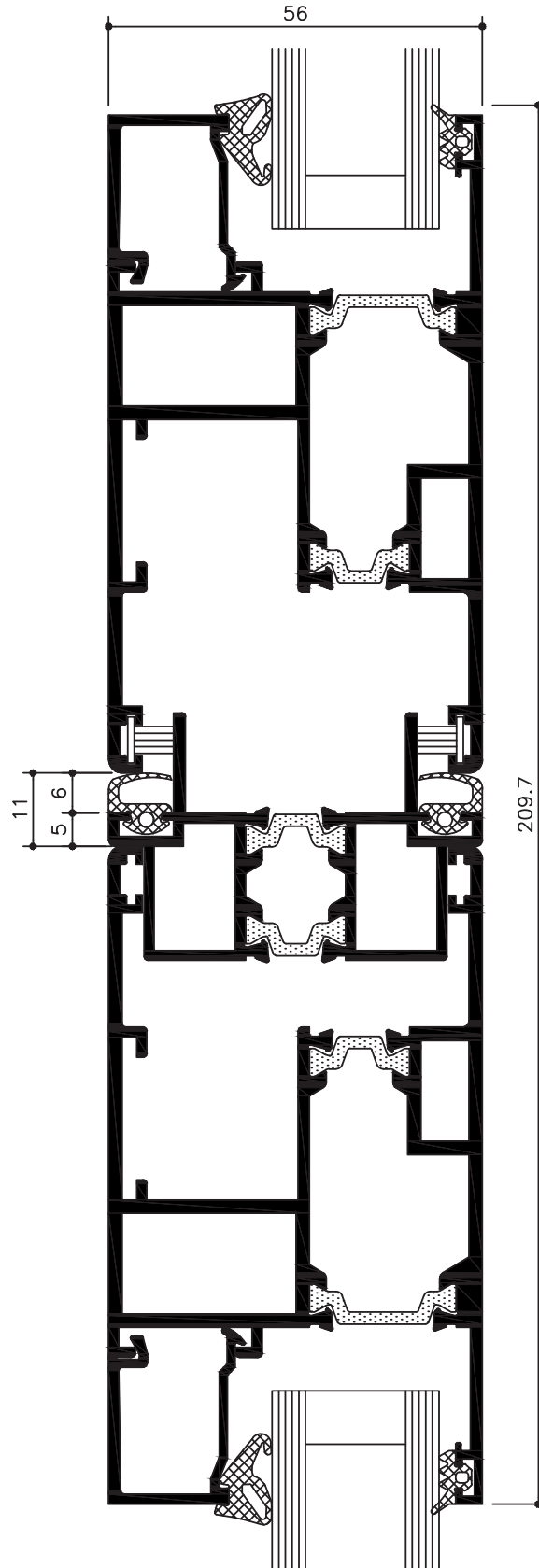


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SQUID 144



SEC. E	013	SQUID
	→ ←	





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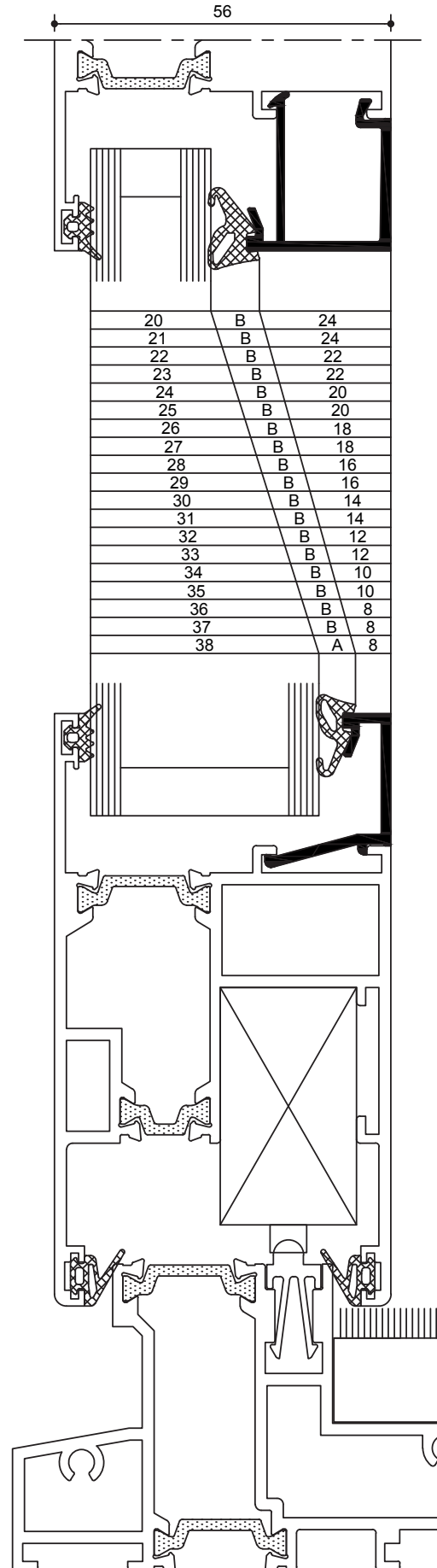


SEC. E

014

SQUID

 2,5mm External Gasket CODE: QGLS001		
GASKET	CODE	TABEL NAME
 2,5/3,5mm	QGLS004*	A
 3,5/5,5mm	QGLS002	B
 5,5/7,5mm	QGLS003*	C





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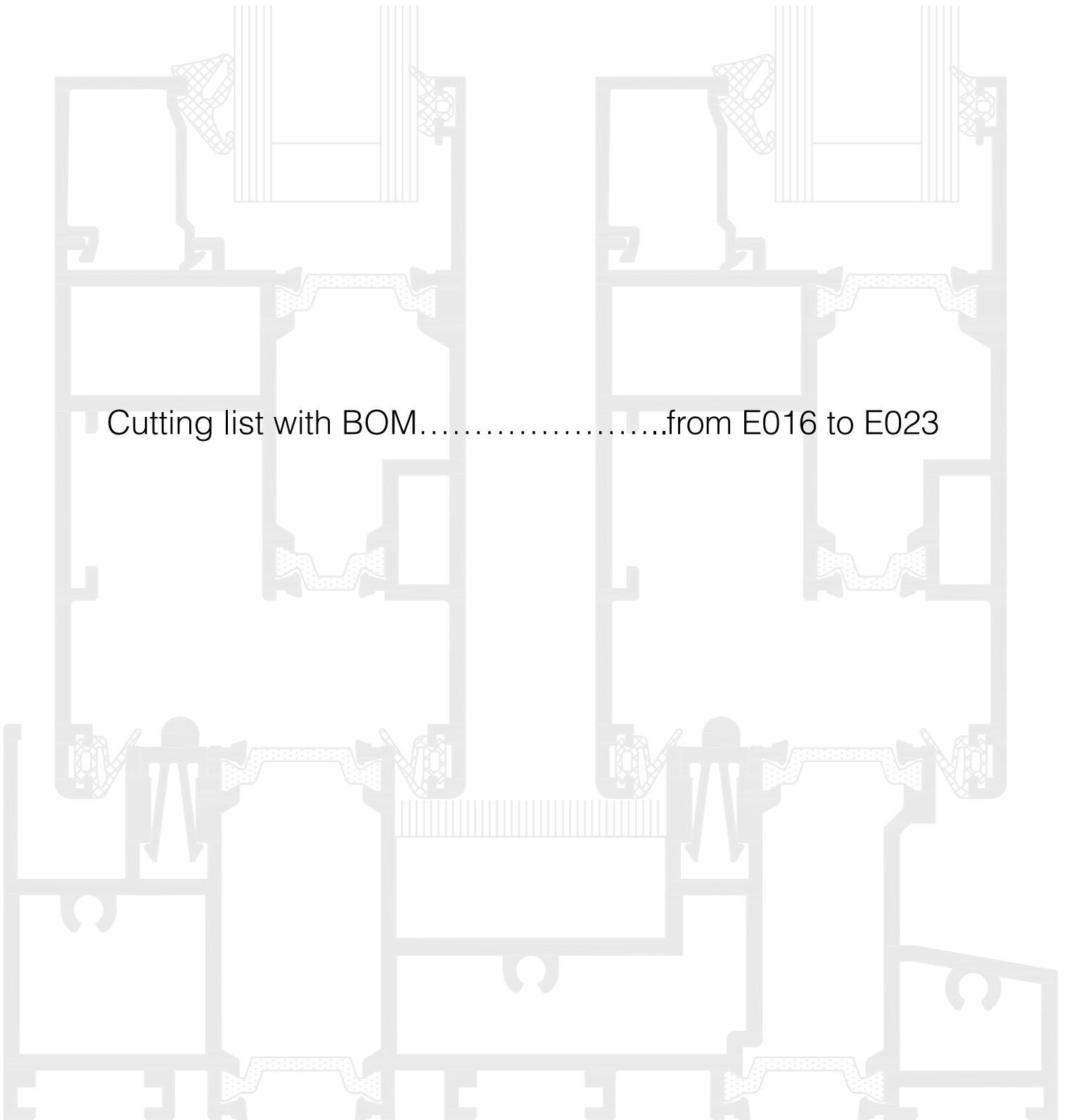
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Sector F

Cutting list with BOM.....from E016 to E023





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SQUID 144

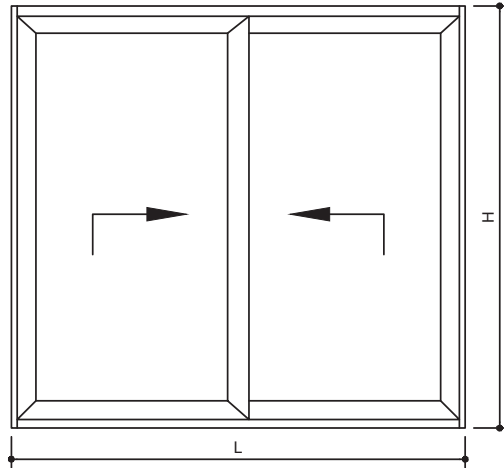


SEC. E

016

SQUID

TWO SHUTTERS LIFT-SLIDING

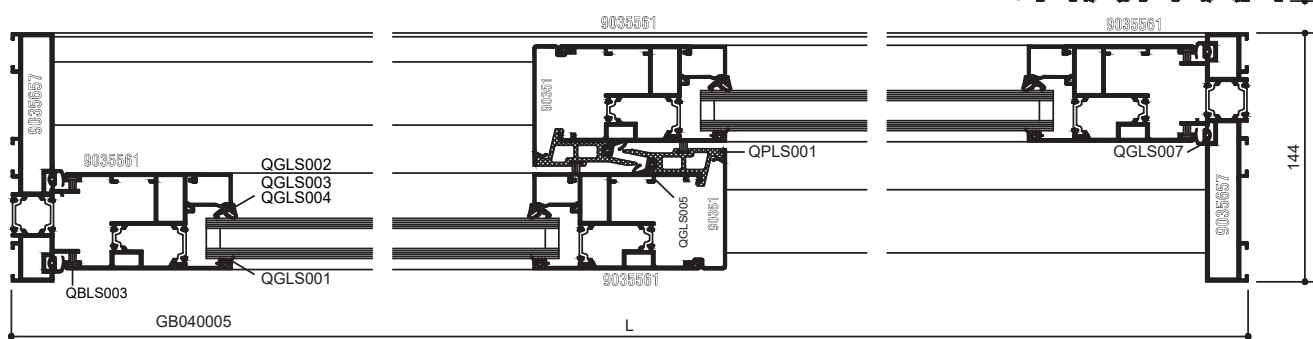
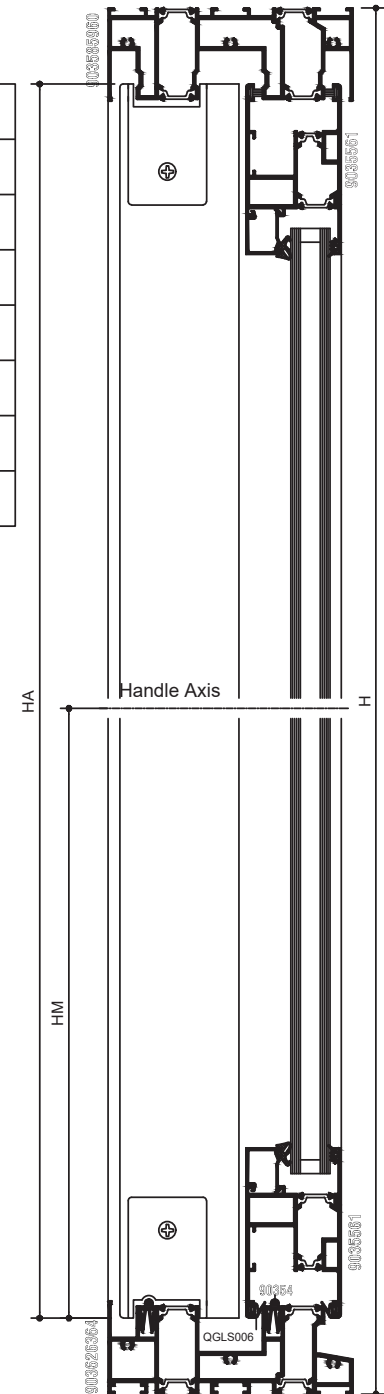


Hardware

ART.	DESCRIPTION	N°
QALS009	window handle	2
QALS011	Two shutter sliding hardware kit	1
QALS008	Stroke end kit	1
QALS005	Vulcanized corner joint for	8
QALS002	Water drainage cap	4
QALS003*	adjusting block	-
QALS004*	hole plug	-

Sealing gasket

ART.	DESCRIPTION	N°
QGLS005	Interlock gasket	2H
QGLS002	Internal glass gaskets	2L + 4H
QGLS001	External glass gaskets	2L + 4H
QGLS006	Gasket for shutter lower transom	2L
QGLS007	Vertical side frame gasket	4H
QBLS003	Brush	2L + 6H





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SQUID 144



®

SEC. E

017

SQUID

Profiles

ART.	PROFILE	DESCRIPTION	SIZE CUT	TYPES CUT	N°
903585960		Ext. frame upper transom	L - 50		1
903626364		Ext. frame lower transom	L - 50		1
9035657		Ext. frame mullion	H		2
9035561		Sliding shutter transom	L/2 + 11		4
		Sliding shutter mullion	H - 88		4
90351		Central overlap additional section	H - 88		2
QPLS001		Central overlap Nylon	H - 88		2
90803		Horizontal glass bead	L/2 - 142.5		4
		Vertical glass bead	H - 285.5		4
90354		Sliding control rod guide	L - 50		2

Glasses cutting list

POSITION	L	H	N°
	L/2 - 156	H - 255	2

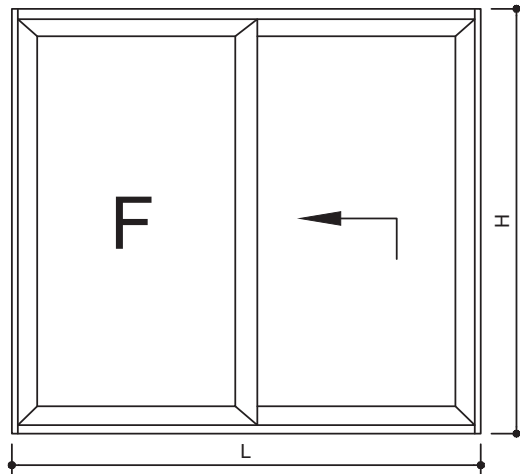
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TWO SHUTTERS LIFT-SLIDING

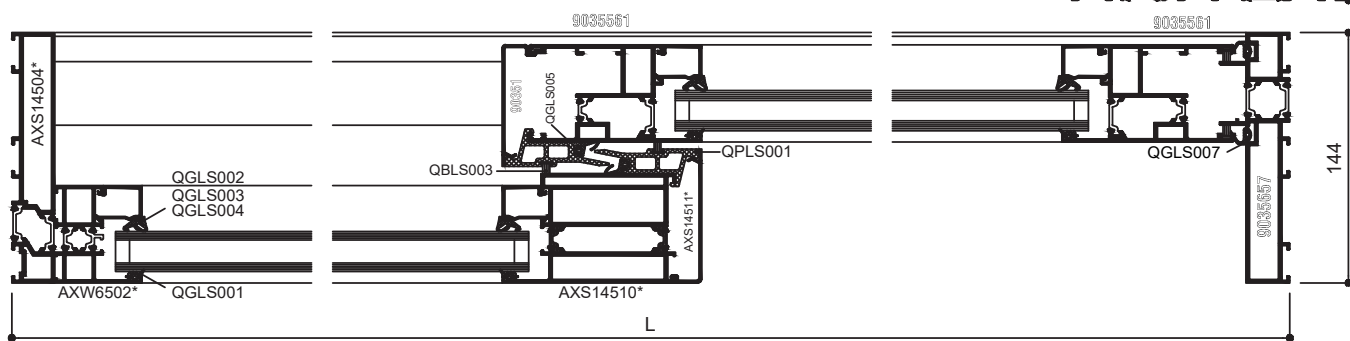
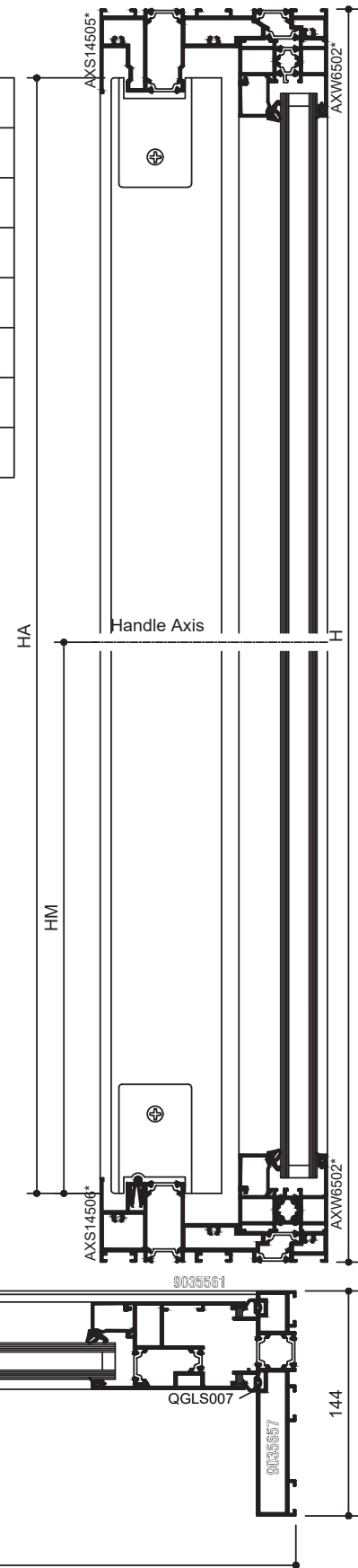


Hardware

ART.	DESCRIPTION	N°
QALS009	window handle	1
QALS013	two shutter lift and sliding+fixed kit	1
QALS008	Stroke end kit	1
QALS005	vulcanized corner joint	8
QALS002	water drainage cap	2
QALS003*	adjusting block	-
QALS004*	hole plug	-

Sealing gasket

ART.	DESCRIPTION	N°
QGLS005	Interlock gasket	2H
QGLS002	Internal glass gaskets	2L + 4H
QGLS001	External glass gaskets	2L + 4H
QGLS006	Gasket for shutter lower transom	2L
QGLS007	Vertical side frame gasket	2H
QBLS003	Brush	L + 4H





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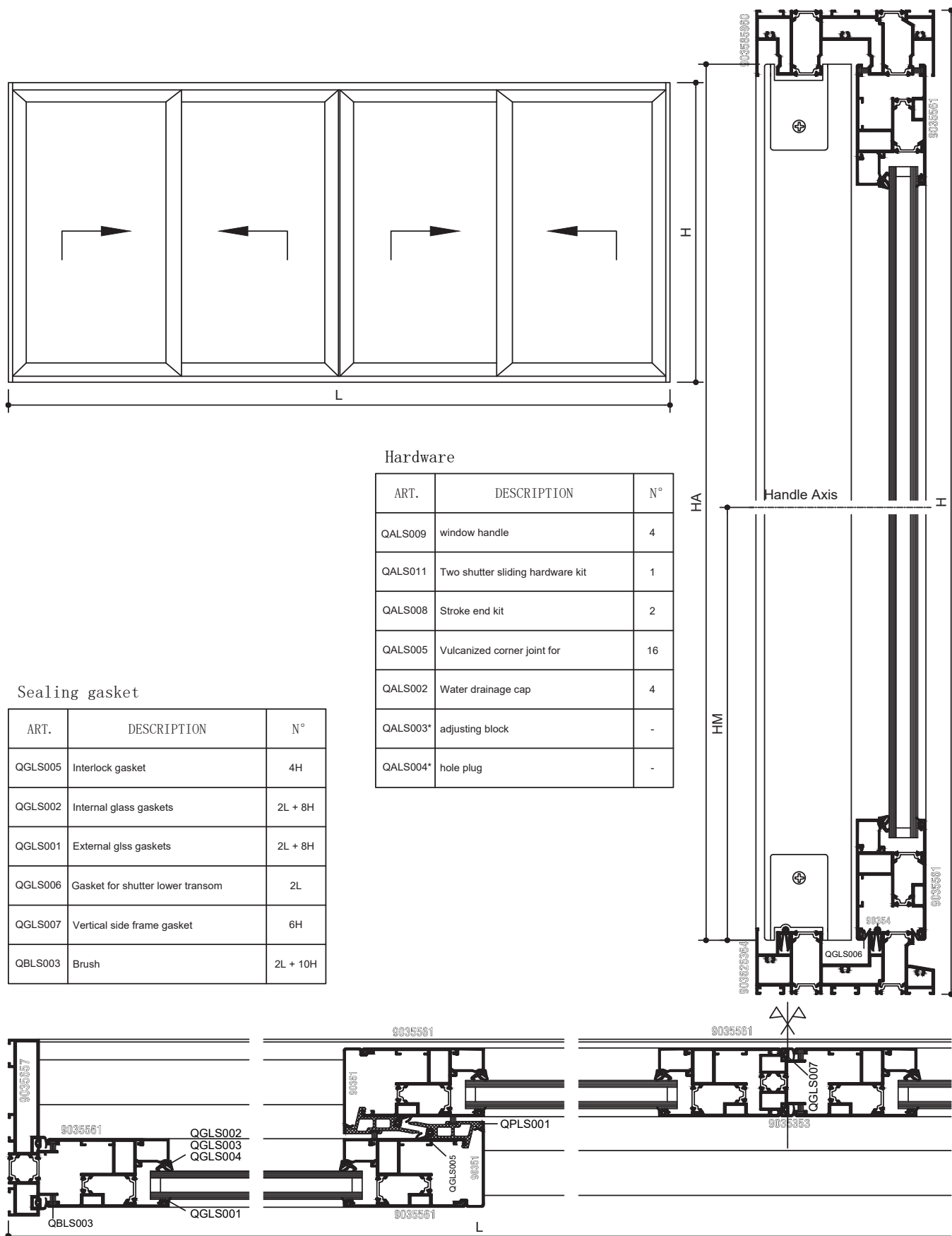
Profiles

ART.	PROFILE	DESCRIPTION	SIZE CUT	TYPES CUT	N°
AXS14505*		Ext. frame upper transom	L - 49.5		1
AXS14506*		Ext. frame lower transom	L - 49.5		1
AXS14504*		Ext. frame mullion	H		1
9035657		Ext. frame mullion	H		1
9035561		Sliding shutter transom	L/2 + 39		2
		Sliding shutter mullion	H - 88		2
AXS14510*		Central overlap	H - 39		1
AXW6502*		Fixed fan transom	L/2 - 82.5		2
		Fixed fan mullion	H - 39		1
90351		Central overlap additional section	H - 88		1
AXS14511*		Central overlap additional section	H - 39		1
QPLS001		Central overlap Nylon	H - 88		1
		Central overlap Nylon	H - 49		1
90803		Horizontal glass bead	L/2 - 114.5		2
		Vertical glass bead	H - 285.5		2
90803		Horizontal glass bead	L/2 - 114.5		2
		Vertical glass bead	H - 138		2
90354		Sliding control rod guide	L - 49.5		1

Glasses cutting list

POSITION	L	H	N°
	L/2 - 115	H - 255	1

POSITION	L	H	N°
	L/2 - 115	H - 108	1





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Profiles

ART.	PROFILE	DESCRIPTION	SIZE CUT	TYPES CUT	N°
903585960		Ext. frame upper transom	L - 50		1
903626364		Ext. frame lower transom	L - 50		1
9035657		Ext. frame mullion	H		2
9035561		Sliding shutter transom	L/4 + 24		8
		Sliding shutter mullion	H - 88		8
9035353		Central overlap	H - 88		1
90351		Central overlap additional section	H - 88		4
QPLS001		Central overlap Nylon	H - 88		4
90803		Horizontal glass bead	L/4 - 129.5		8
		Vertical glass bead	H - 285.5		8
90354		Sliding control rod guide	L - 50		2

Glasses cutting list

POSITION	L	H	N°
	L/4 - 144	H - 255	4



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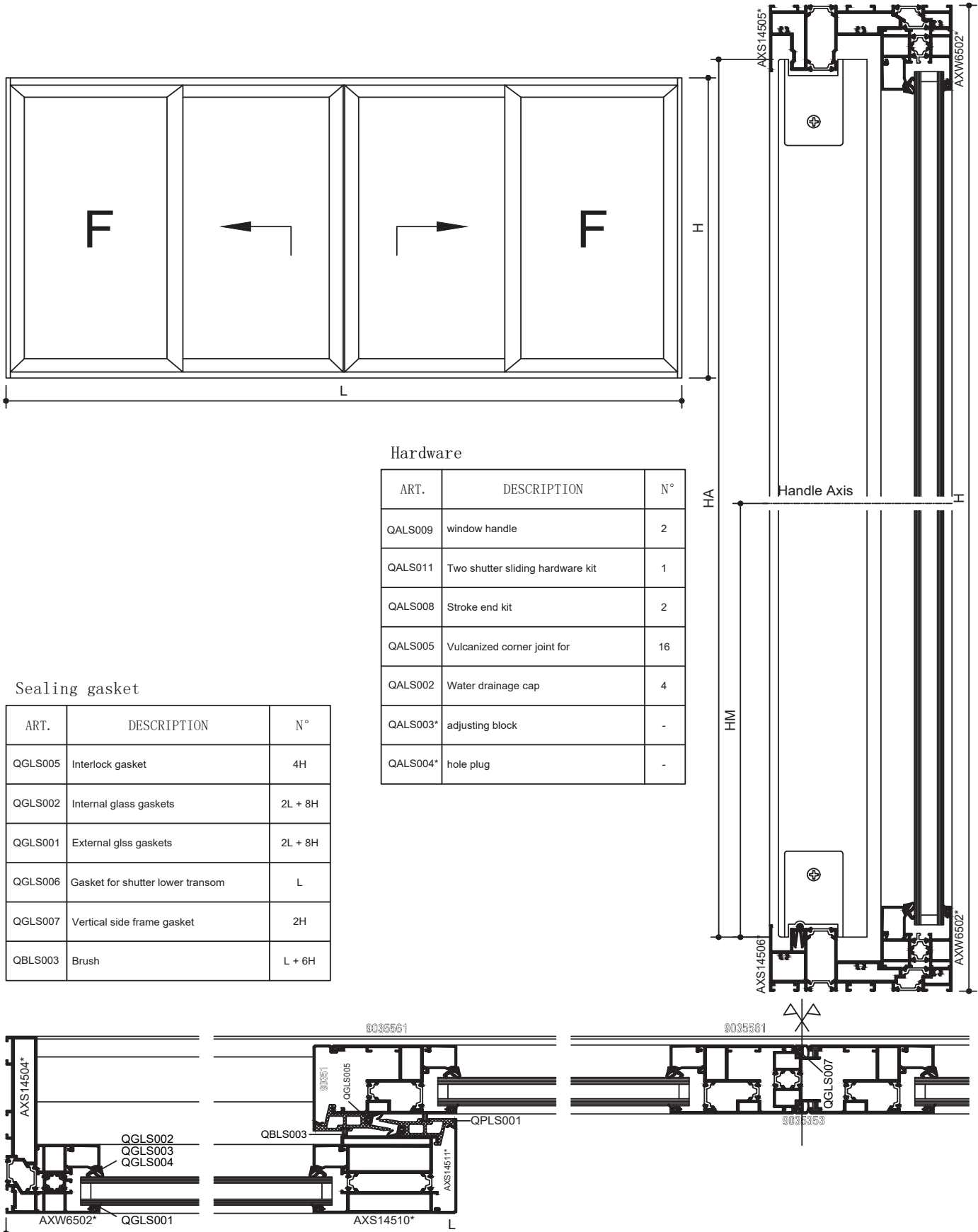
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FOUR SHUTTERS SLIDING





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Profiles

ART.	PROFILE	DESCRIPTION	SIZE CUT	TYPES CUT	N°
AXS14505*		Ext. frame upper transom	L - 49.5		1
AXS14506*		Ext. frame lower transom	L - 49.5		1
AXS14504*		Ext. frame mullion	H		2
9035561		Sliding shutter transom	L/4 + 51.5		4
		Sliding shutter mullion	H - 88		4
AXS14510*		Central overlap	H - 39		2
AXW6502*		Fixed fan transom	L/4 - 70		4
		Fixed fan mullion	H - 39		2
9035353		Central overlap	H - 151		1
90351		Central overlap additional section	H - 88		2
AXS14511*		Central overlap additional section	H - 39		2
QPLS001		Central overlap Nylon	H - 88		2
		Central overlap Nylon	H - 49		2
90803		Horizontal glass bead	L/4 - 102		4
		Vertical glass bead	H - 285.5		4
90803		Horizontal glass bead	L/4 - 102		4
		Vertical glass bead	H - 138		4
90354		Sliding control rod guide	L - 49.5		1

Glasses cutting list

POSITION	L	H	N°
	L/4 - 116	H - 255	2

POSITION	L	H	N°
	L/4 - 116	H - 108	2

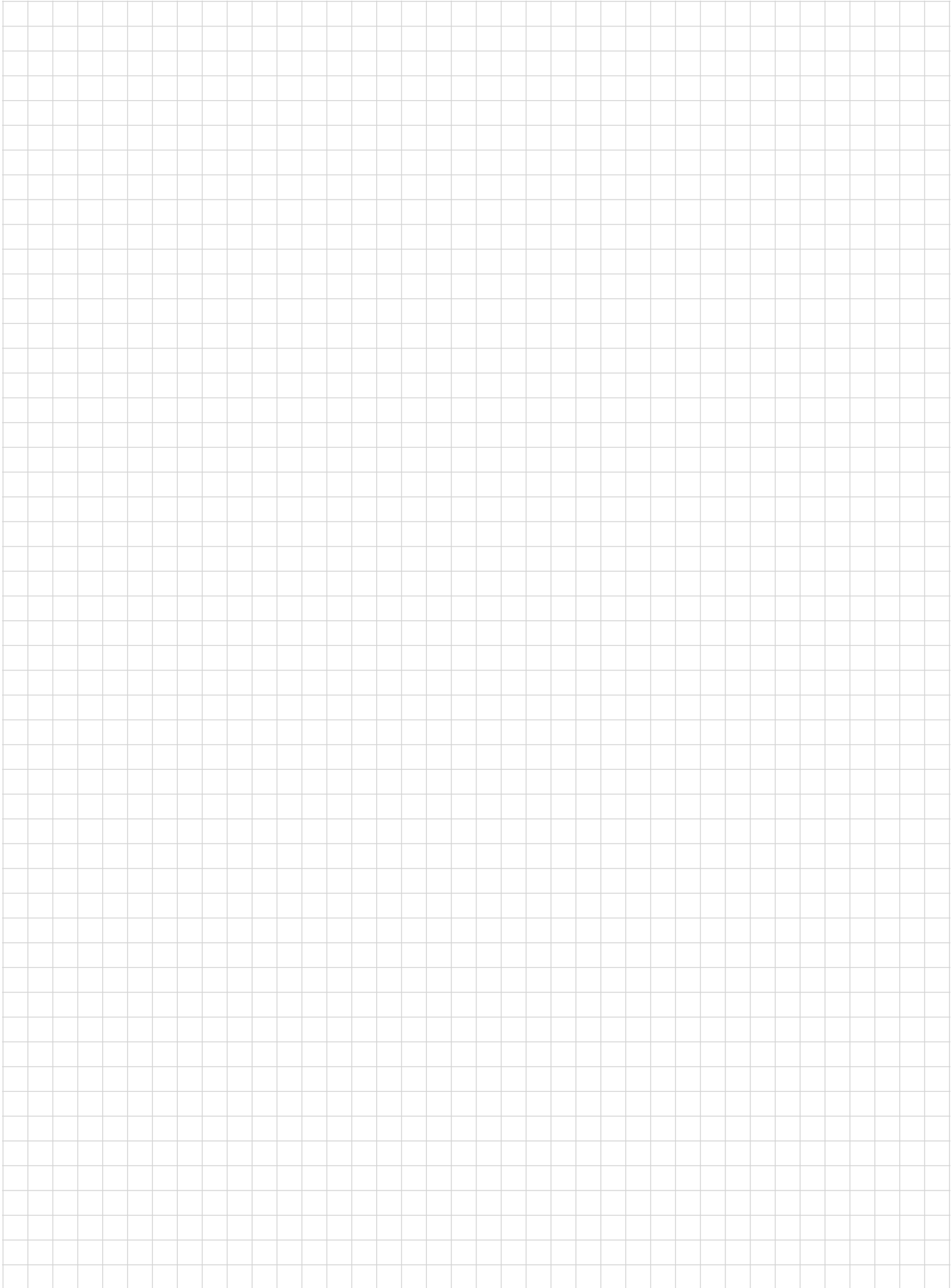


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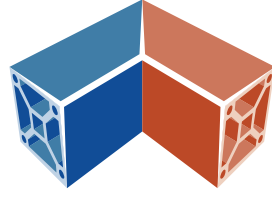


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The Company reserves the right to make changes any time in order to update and improve the products. Therefore, the information into this catalogue are indicatives and not binding.



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