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ARCHITECTURAL ALUMINIUM SYSTEMS

A Member of the Parkside group LTD

INDEX

COMAR LIFT & SLIDE DOOR

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INDEX (continued)

COMAR LIFT & SLIDE DOOR

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INTRODUCTION

COMAR LIFT & SLIDE DOOR

The Comar Lift & Slide Door demonstrates a continuation of Comar's innovative approach to the design of Architectural Aluminium products.
The door profiles are thermally broken with 'rolled in' polyamide profiles with a sealing system composed of gaskets, plugs and sponges; which not only provide excellent air and water tightness but also high acoustic insulation.
The central drainage system is designed to join up the thermal breaks of the outer frame establishing a continuous longitudinal thermal insulation barrier. This allows specifiers to have a lot more choice to meet Building Regulations and gives an improved performance to deliver to the more discerning customer.
The doors can integrate with all Comar systems that allows for flexibility of design on projects in both the commercial and domestic markets.

Sash width is between 720 - 3000 mm.
Sash height is between 1150 - 3000 mm.
A maximum sash weight is 400 Kgs.

Beads and gaskets allow for glazing units to range from 6 mm to 49 mm.

All technical aspects of this range are covered in the product manual and further information is available from Comar's Technical Department for specific contract requirements.

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Registered office: The Parkside Group Ltd
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Surrey. CR4 4NX UK.

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SPECIFICATION

COMAR LIFT & SLIDE DOOR

The Comar Lift & Slide Door exhibits the highest standards of design appeal, strength and durability for today's commercial and domestic market.

MATERIALS

Extruded profiles are of aluminium alloy 6063 T5 or T6 to BS EN 755. and BS EN 12020.
Gaskets are extruded from E.P.D.M. rubber.
Weather strip and glazing to BS 6375. and BS 4255-1. Glass and glazing to BS 6262.

FINISHES

Aluminium profiles are finished to the following specifications:
Silver, Bronze and Black anodising to BS EN 12373-1:2001 or BS 3987.
Liquid organic coating to BS 4842 or Polyester powder coating to BS 6496.
Dual colour options are available.

CONSTRUCTION

The outer frame is square cut with joints formed by means of screw fixing into pre-extruded screw ports in horizontal sections.
Sashes are assembled from mitre cut profiles utilising mechanical cleats.

GLAZING

Doors are internally glazed with glazing thickness from 6mm to 49mm.
Glazing should conform to B.S.6262 and Document 'N'.
Glazing beads are all square cut for ease of installation.

SPECIFICATION

The Lift and Slide Door is designed to conform to BS4873 and recognized industry standards adopted by CWCT and Council for Aluminium in Buildings.

The Lift and Slide Door has been successfully tested to BS6375 Part 1, 2 and 3 achieving:

Air Permeability	:-	600Pa (Class 4)
Water Tightness	:-	1050Pa (Class E1050)
Wind Resistance	:-	2400Pa (Class AE2400)
Exposure Category	:-	1200Pa

The lift and Slide Door has been successfully tested to PAS 24:2012.

All technical aspects for this product are covered in the product manual and further information is available from Comar's Technical Department for specific contract requirements.

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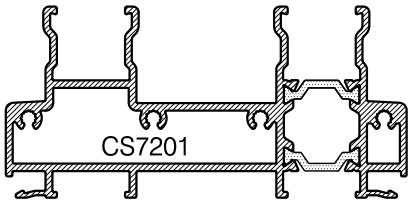
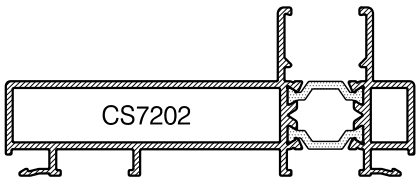
TITLE **POLYAMIDE INSULATED DOORS LIFT AND SLIDE DOOR**

SHEET No. **1.02**

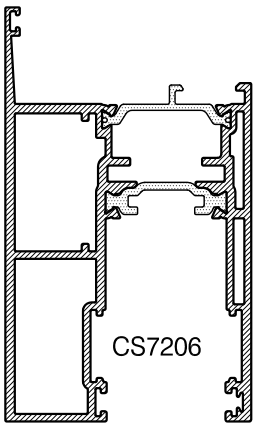
SUB TITLE **BROADSHEETS PROFILE SECTIONS**



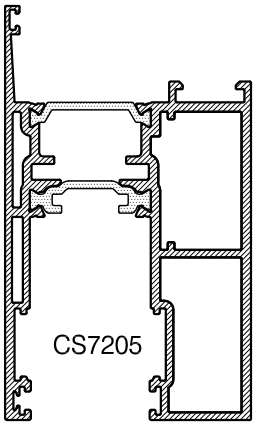
SLIDING DOOR HEAD /SILL



SLIDING DOOR JAMB

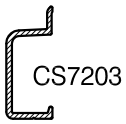


SLIDING DOOR LEAF EXTERNAL

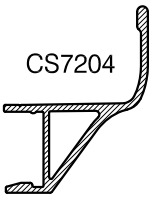


SLIDING DOOR LEAF INTERNAL

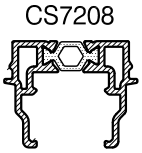
SLIDING DOOR INTERLOCK



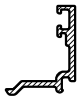
SLIDING DOOR HEAD/SILL COVER



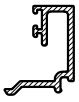
SLIDING DOOR HEAD/SILL DRIP



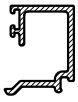
SLIDING DOOR LOCKING INSERT



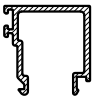
GLAZING BEAD 41-47mm



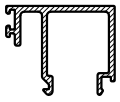
GLAZING BEAD 35-41mm



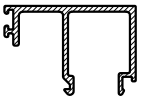
GLAZING BEAD 29-35mm



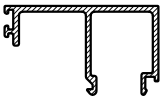
GLAZING BEAD 23-29mm



GLAZING BEAD 17-23mm



GLAZING BEAD 11-27mm



GLAZING BEAD 7-11mm

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DRG. No.	C7-Pi-LS 1.02 R0

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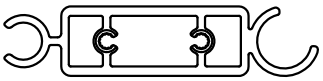
TITLE **POLYAMIDE INSULATED DOORS**
LIFT AND SLIDE DOOR

SHEET No. **1.03**

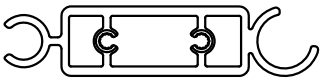
SUB TITLE **BROADSHEETS**
ACCESSORIES

WS869XKIT



SUB SILL CLEAT
(2 x 17.2 / 2 x 11.7)
FOR USE WITH CS890 SUB SILL

WS870XKIT

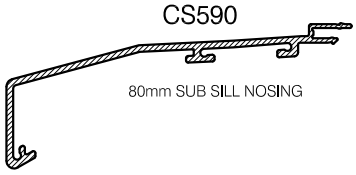


SUB SILL CLEAT
(2 x 17.2 / 4 x 11.7)
FOR USE WITH CS894 & CS898
SUB SILL

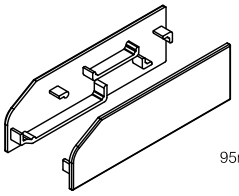
CS588

52mm SUB SILL NOSING

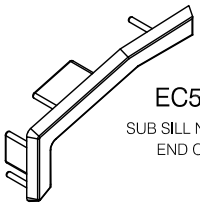
CS590



80mm SUB SILL NOSING

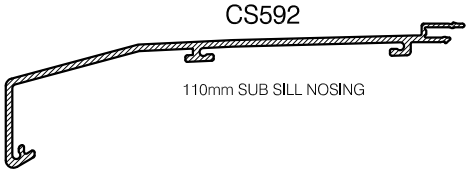


EC890
95mm SILL END CAP

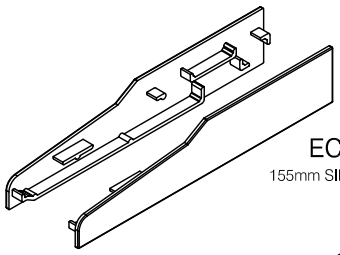


EC541
SUB SILL NOSING
END CAP

CS592

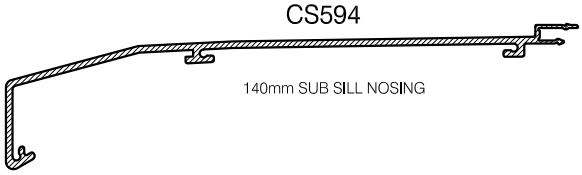


110mm SUB SILL NOSING

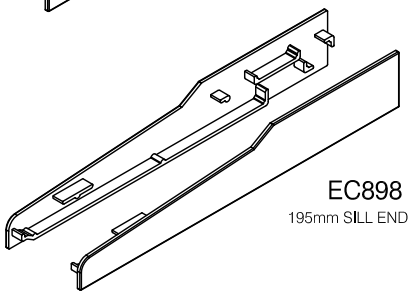


EC894
155mm SILL END CAP

CS594

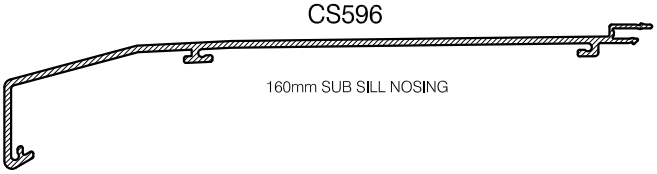


140mm SUB SILL NOSING



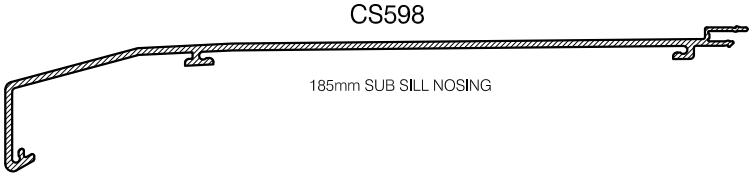
EC898
195mm SILL END CAP

CS596



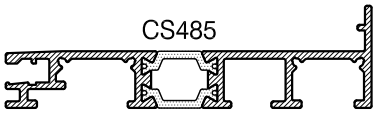
160mm SUB SILL NOSING

CS598



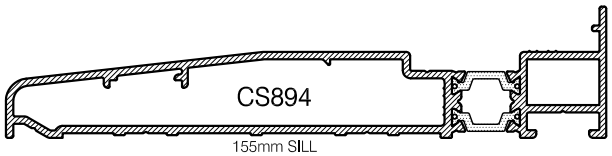
185mm SUB SILL NOSING

CS485



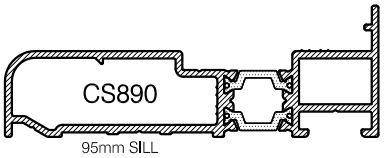
FRAMEWORK SUB SILL (T.B.)

CS894



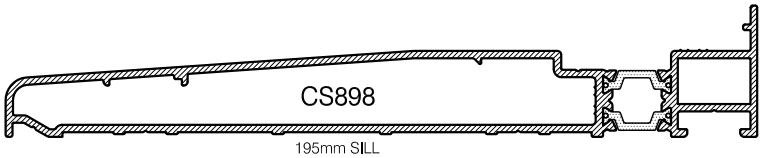
155mm SILL

CS890



95mm SILL

CS898



195mm SILL

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DRAWN	KP/CAD
DRG. No.	C7-Pi-LS 1.03 R0

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TITLE **POLYAMIDE INSULATED DOORS LIFT AND SLIDE DOOR**

SHEET No. **1.04**

SUB TITLE **BROADSHEETS ACCESSORIES**

GK422

2mm ARROW HEAD GASKET

GK425

5mm ARROW HEAD GASKET

GK771

L/S SASH BUBBLE SEAL GASKET

WP403

6mm WOOLPILES

GK906

6mm GLAZING WEDGE

GK908

8mm GLAZING WEDGE

GK910

10mm GLAZING WEDGE

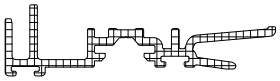
SD99996

S/S TRACK INSERT

PI354300

TRACK INSERT

PI377100



THERMAL INTERLOCK

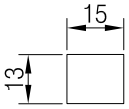
GK774

INTERLOCK SCREW COVER

PI430000

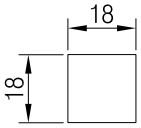
TRACK INSERT (SILL)

FM5005



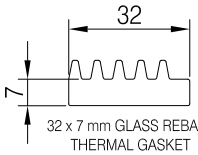
THERMAL FOAM INSERT

FM014



THERMAL FOAM INSERT

GK5410



32 x 7 mm GLASS REBATE THERMAL GASKET

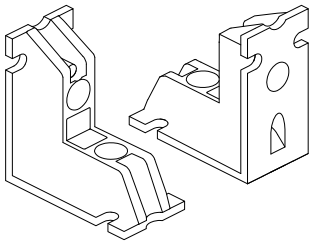
WS7003XSLF

SCREW CLEAT PIN

WS7005XSLF

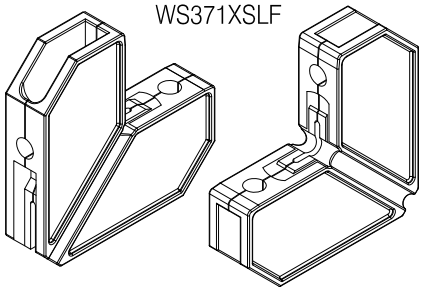
HAMMER CLEAT PIN

WS370XSLF



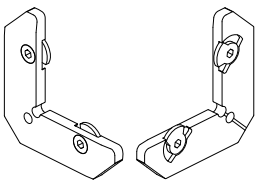
L/S CORNER CLEAT

WS371XSLF



L/S SASH CHEVRON, PINNED

WS372XSLF



L/S ALIGNMENT CORNER JOINT

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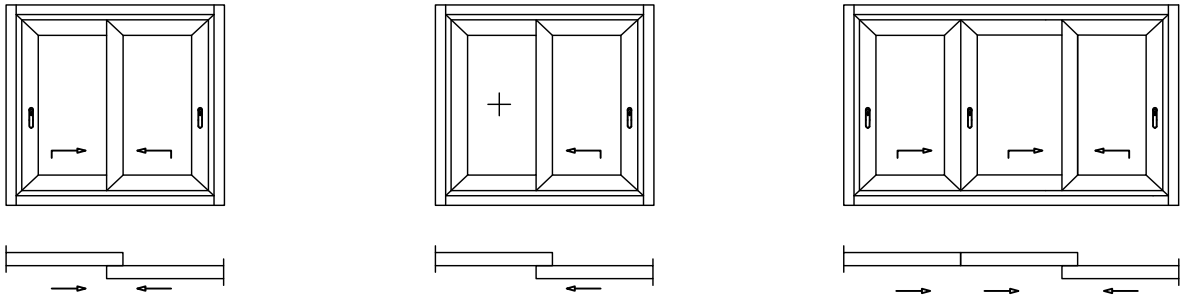
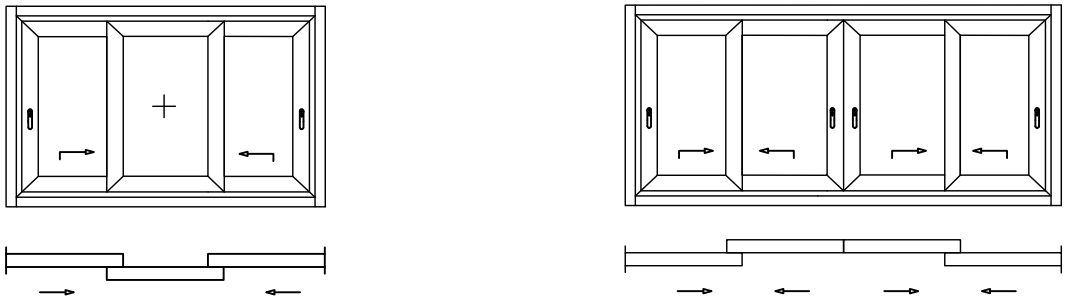
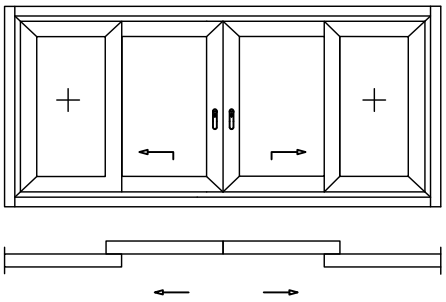
SIZE LIMITATIONS AND CONFIGURATIONS

COMAR LIFT & SLIDE DOORS







Attention:
The loading capacities and operation of the hardware products are only guaranteed if there are no obstacles to the wing movement motion and it is not impeded by stoppers or other designed elements that will arrest the hardware components movement and force them in an anomalous way.

Sash Width: 720 mm - 3000 mm
Sash Height: 1150 mm - 3000 mm

Weight: 300 Kg Max.
Weight with extra wheels: 400 Kg Max.

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