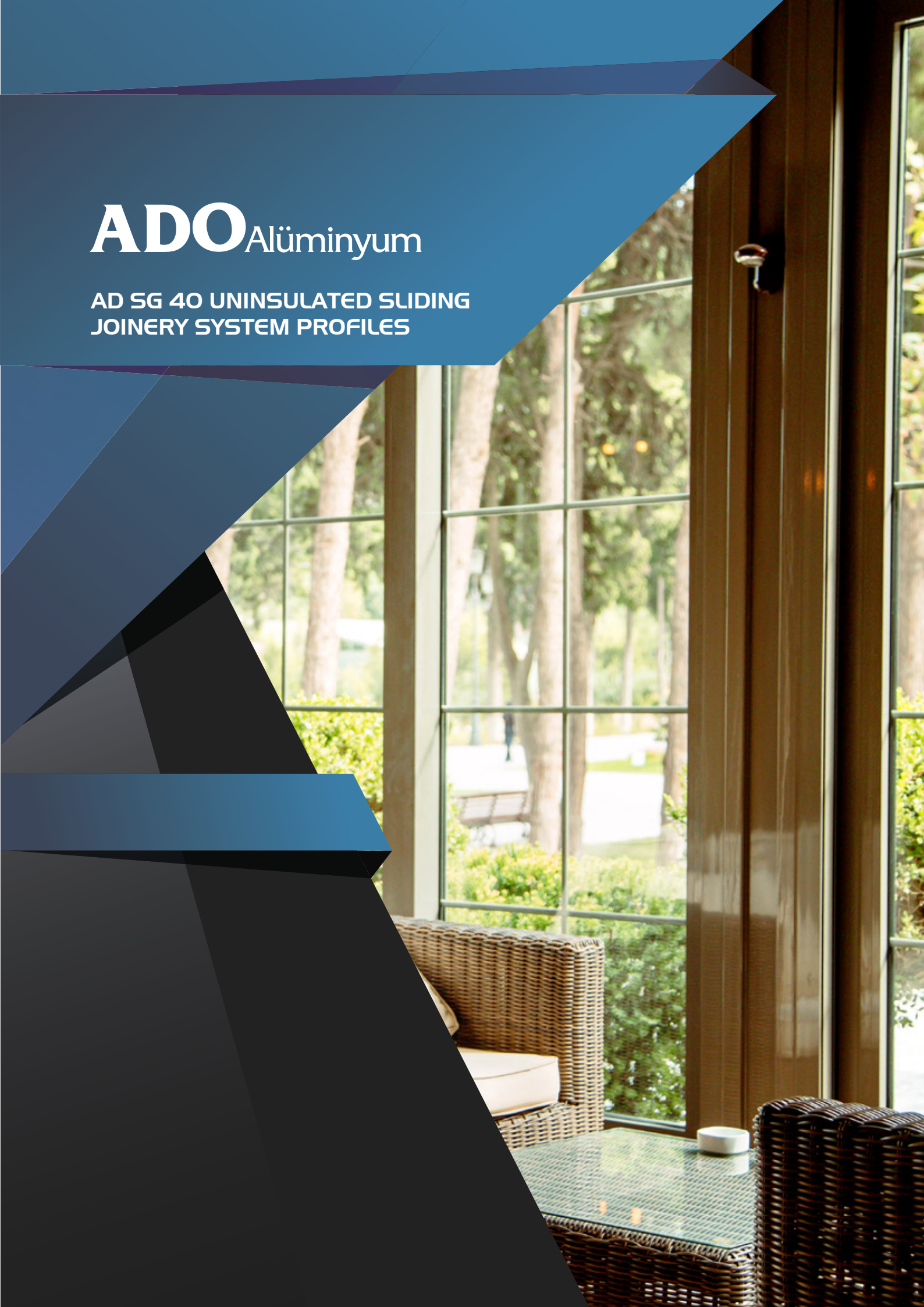


**ADO** Alüminyum

**AD SG 40 UNINSULATED SLIDING  
JOINERY SYSTEM PROFILES**





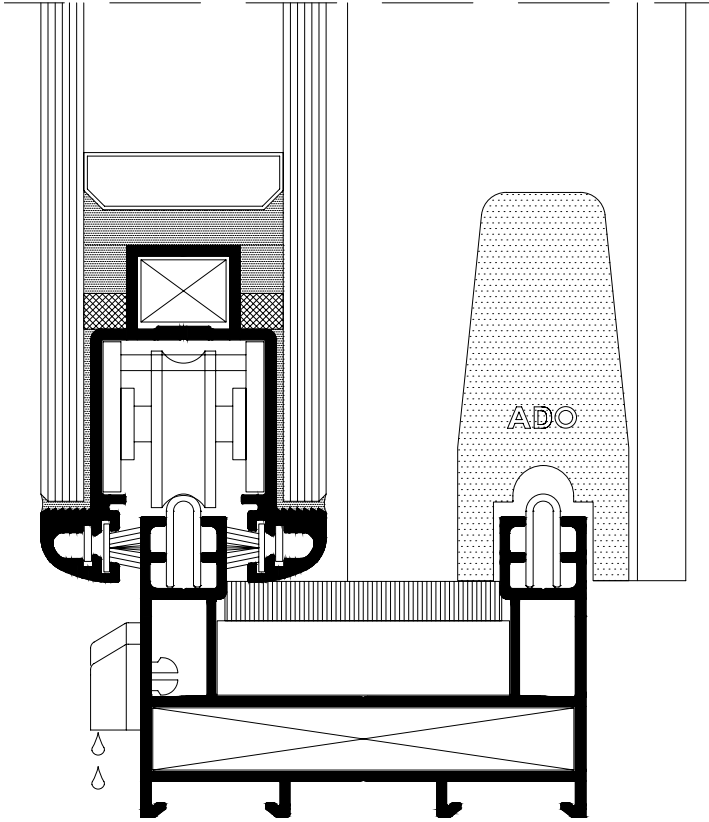








## AD SG40 UNINSULATED SLIDING JOINERY SYSTEM PROFILES



Aluminum profiles are produced from AlMgSi 0,5 - F22 alloy and as per 12020 Standards.

### Physical Properties:

1- Density	: 2,71 gr /cm <sup>3</sup>
2- Modulus of Elasticity	: 70 kN /mm <sup>2</sup>
3- Resistance	: 20° 33 n Ω .m
4- Melting Point	: 600 - 655 °
5 - Coefficient of Expansion	: 20 - 100° C μ °C

### Mechanical Properties:

1- Limit of Elasticity	: 190 MPa
2- Tensile stress	: 220 MPa
3- Hardness	: 67 Brinell
4- Elongation	: % 10

### SYSTEM DETAILS:

Feasible Sliding joinery types: 2, 3, 4, 6-wing Sliding joinery types are feasible. Minimal appearances are ensured in the architecture by hiding wing profile by glass bonding technique.

Weatherstrip: All weatherstrips are EPDM.

Usable Glass Thickness: 40 MM

Depth: Standard frame depth is 62 mm and 3-rail frame is 113 mm. Wing depth is 40 mm.

Wall thickness: 1,5 mm dir.

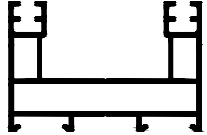

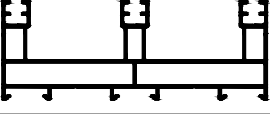
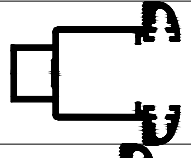
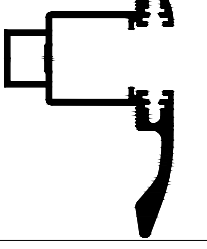
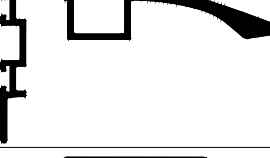
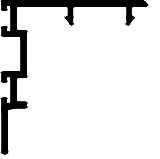
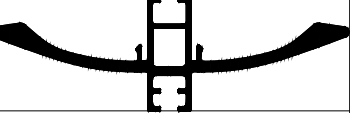
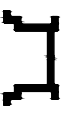

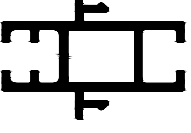
Water discharge: All profiles have water discharge system.

Rail: Rail is designed alternatively as aluminum and stainless.

Accessories: Key-keyless built-in or espagnolette handle, Pvc joinery channel adaptor and pvc joinery accessories can be used.

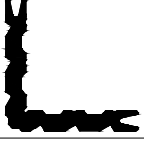
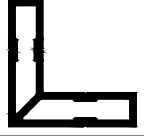
Fittings: Frame corner joints are pressed by using press angle block fittings.

## AD SG40 UNINSULATED SLIDING JOINERY SYSTEM PROFILES

No:	Profile Shape	Profile Code	Profile Name	Profile Weight ( Kg/m )	Static ( Ix cm4 )	Static ( Iy cm4 )
1		AD 43 - 001	FRAME PROFILE	1,158 Kg/m	Jx : 22,82 cm4	Jy : 6,46 cm4
2		AD 43 - 002	FRAME PROFILE	0,594 Kg/m	Jx : 11,16 cm4	Jy : 0,51 cm4
3		AD 43 - 003	FRAME PROFILE	1,873 Kg/m	Jx : 99,08 cm4	Jy : 10,10 cm4
4		AD 43 - 004	WING PROFILE	0,789 Kg/m	Jx : 6,68 cm4	Jy : 4,20 cm4
5		AD 43 - 005	FRAME PROFILE	1,160 Kg/m	Jx : 19,09 cm4	Jy : 6,75 cm4
6		AD 43 - 006	FRAME PROFILE	0,987 Kg/m	Jx : 23,76 cm4	Jy : 2,75 cm4
7		AD 43 - 007	CLUTCH PROFILE	0,445 Kg/m		
8		AD 43 - 008	REINFORCED CENTRAL ADAPTOR PROFILE	1,314 Kg/m	Jx : 36,86 cm4	Jy : 1,69 cm4
9		AD 43 - 009	LOCK ADAPTOR PROFILE	0,195 Kg/m		
10		AD 26 - 016	RAIL PROFILE	0,125 Kg/m		
11		AD 26 - 017	CENTRAL ADAPTOR PROFILE	0,413 Kg/m		

Caution: Our profile weights are theoretical and our weight at the time of delivery is valid.

## AD SG40 UNINSULATED SLIDING JOINERY SYSTEM PROFILES

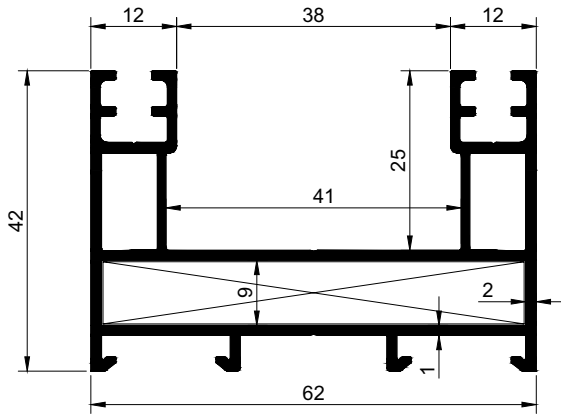
No:	Profile Shape	Profile Code	Profile Name	Profile Weight ( Kg/m )		
12		AD 22 - 065	FRAME ANGLE BLOCK	1,958 Kg/m		
13		AD 11 - 045	GLASS WING ANGLE BLOCK	0,726 Kg/m		
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						

## AD SG40 UNINSULATED SLIDING JOINERY SYSTEM PROFILES

No:	Shape	Code	Name	Parcel Quantity (MT)	
1		ADO -A - 22 020.011.001.03	FRAME WEATHERSTRIP	444 MT	
2		A - 55S -01 019.001.003.14	KIL FİTİL (FİNİLİ) (69x700)	1000 MT	
3		A - 55S -23 019.001.001.14	FIBER WEATHERSTRIP (67x700)	1000 MT	
4		A - 55S -12 005.009.001.00	STAINLESS RAIL Length: 3000mm		
5		A - 55S -14 002.006.00x.xx	ESPAGNOLETTE HANDLE		
6		A - 55S -15 013.003.001.00	STOP		
7		A - 55S -16 010.001.00x.00	ESPAGNOLETTE		
8		A - 55S -03 017.006.001.0R	CENTRAL WING EXTERIOR		
9		017.005.002.0R	FOUR-WING SLIDING ADAPTOR COVER		
10		005.002.012.00	ANGLE SQUARE		
11		A - 55S -21 017.004.001.0R	WATER DISCHARGE		
12		018.002.001.00 22 mmx 21 mm	BEARING		

In place of "R", write 3 for Black and 1 for White.

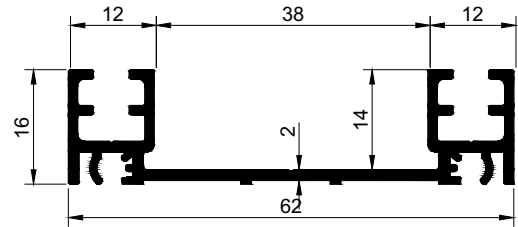
## AD SG40 UNINSULATED SLIDING JOINERY SYSTEM PROFILES



FRAME PROFILE

AD 43 - 001 ( 1,158 Kg/m )

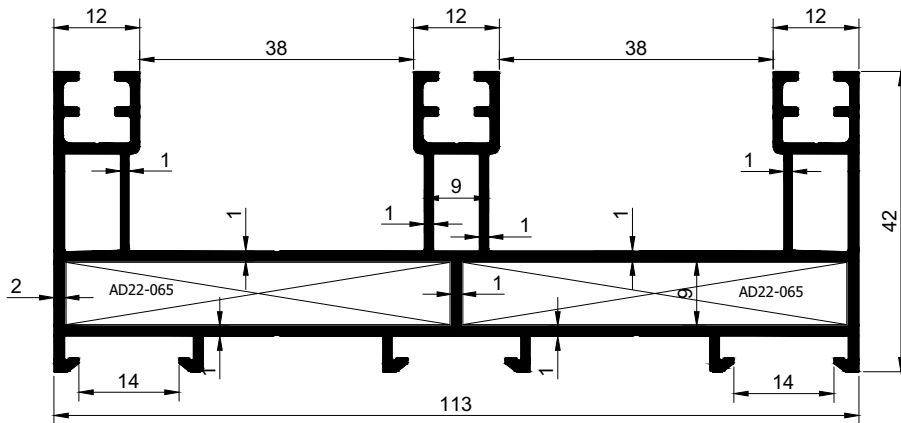
Jx : 22,82 cm<sup>4</sup> Jy : 6,46 cm<sup>4</sup>



FRAME PROFILE

AD 43 - 002 ( 0,594 Kg/m )

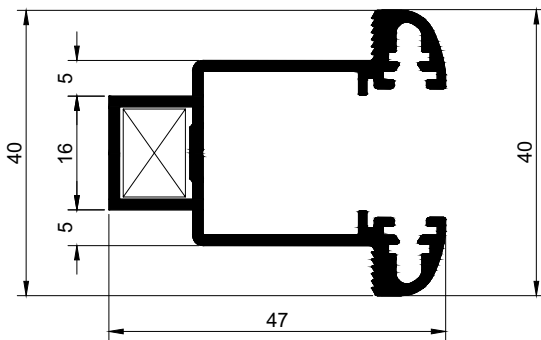
Jx : 11,16 cm<sup>4</sup> Jy : 0,51 cm<sup>4</sup>



TRIPLE FRAME PROFILE

AD 43 - 003 ( 1,873 Kg/m )

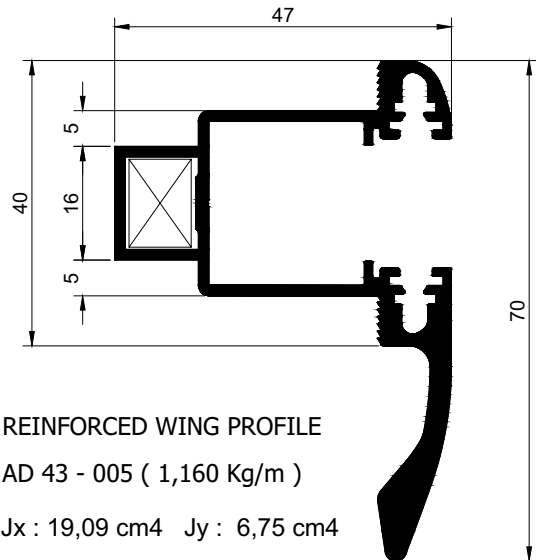
Jx : 99,08 cm<sup>4</sup> Jy : 10,10 cm<sup>4</sup>



WING PROFILE

AD 43 - 004 ( 0,789 Kg/m )

Jx : 6,68 cm<sup>4</sup> Jy : 4,20 cm<sup>4</sup>



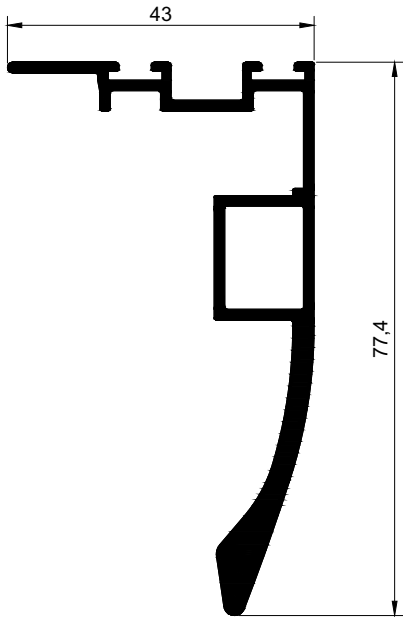
REINFORCED WING PROFILE

AD 43 - 005 ( 1,160 Kg/m )

Jx : 19,09 cm<sup>4</sup> Jy : 6,75 cm<sup>4</sup>



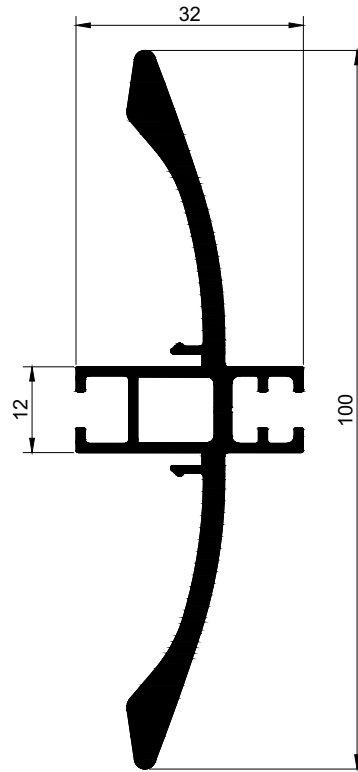
## AD SG40 UNINSULATED SLIDING JOINERY SYSTEM PROFILES



REINFORCED CLUTCH PROFILE

AD 43 - 006 ( 0,987 Kg/m )

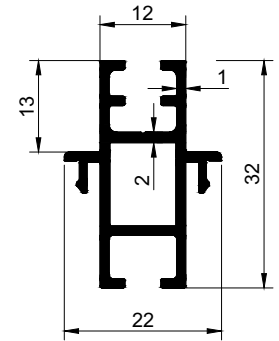
Jx : 23,76 cm<sup>4</sup> Jy : 2,75 cm<sup>4</sup>



REINFORCED CENTRAL ADAPTOR PROFILE

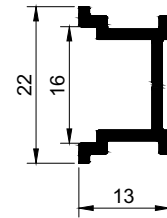
AD 43 - 008 ( 1,314 Kg/m )

Jx : 36,86 cm<sup>4</sup> Jy : 1,69 cm<sup>4</sup>



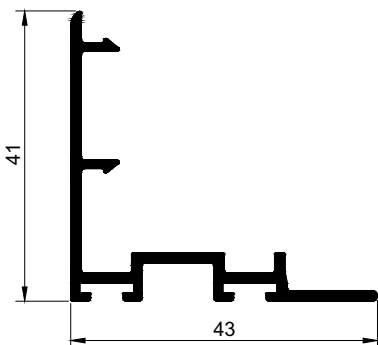
CENTRAL ADAPTOR PROFILE

AD 26 - 017 ( 0,413 Kg/m )



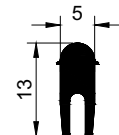
LOCK ADAPTOR PROFILE

AD 43 - 009 ( 0,195 Kg/m )



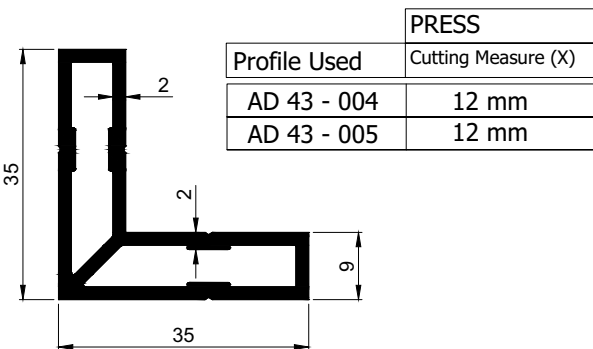
CLUTCH PROFILE

AD 43 - 007 ( 0,445 Kg/m )



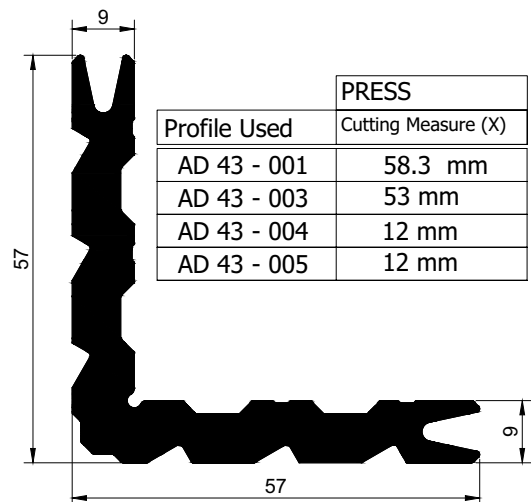
RAIL PROFILE

AD 26 - 016 ( 0,125 Kg/m )



ANGLE BLOCK

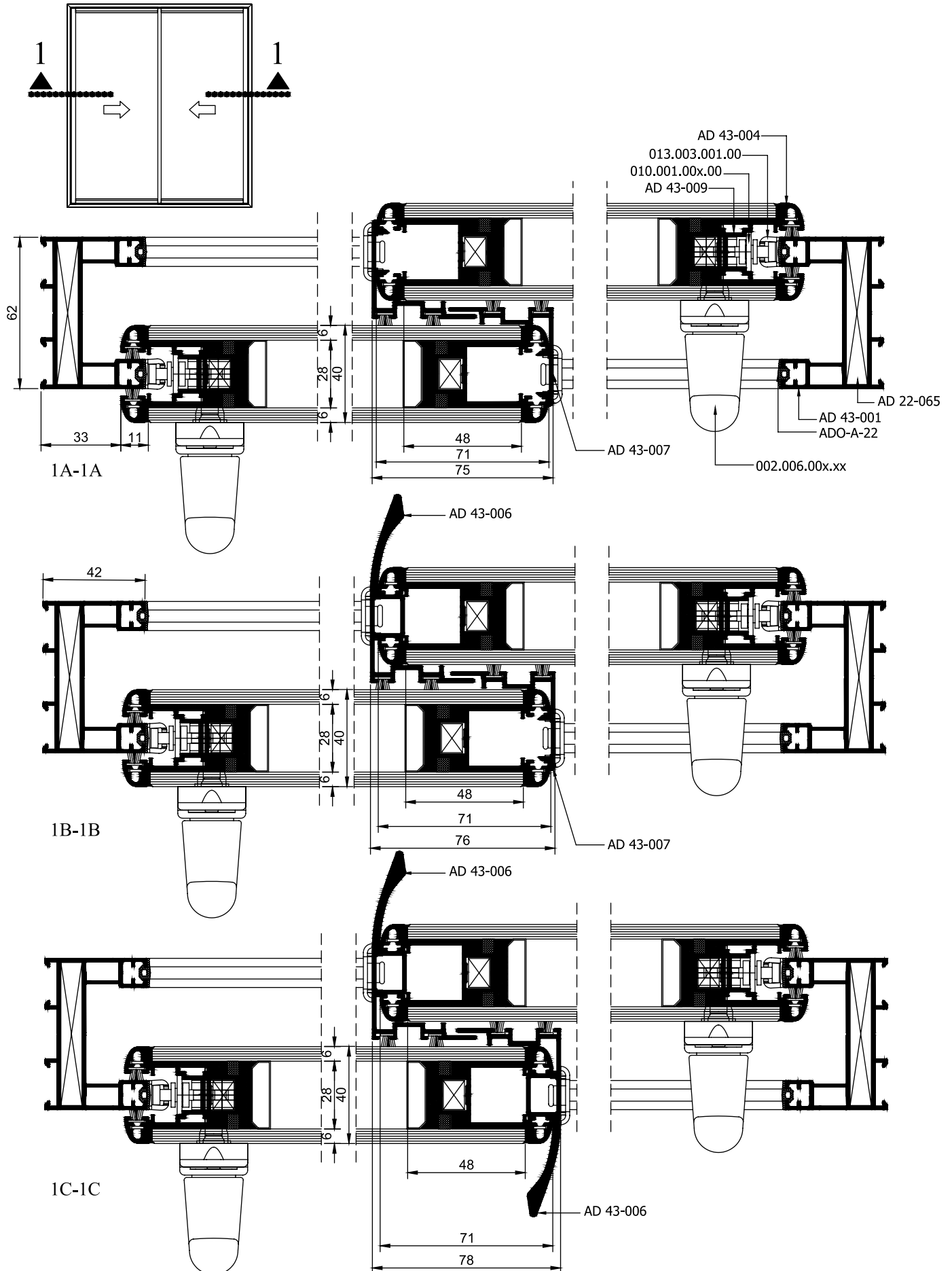
AD 11 - 045 ( 0,726 Kg/m )



ANGLE BLOCK

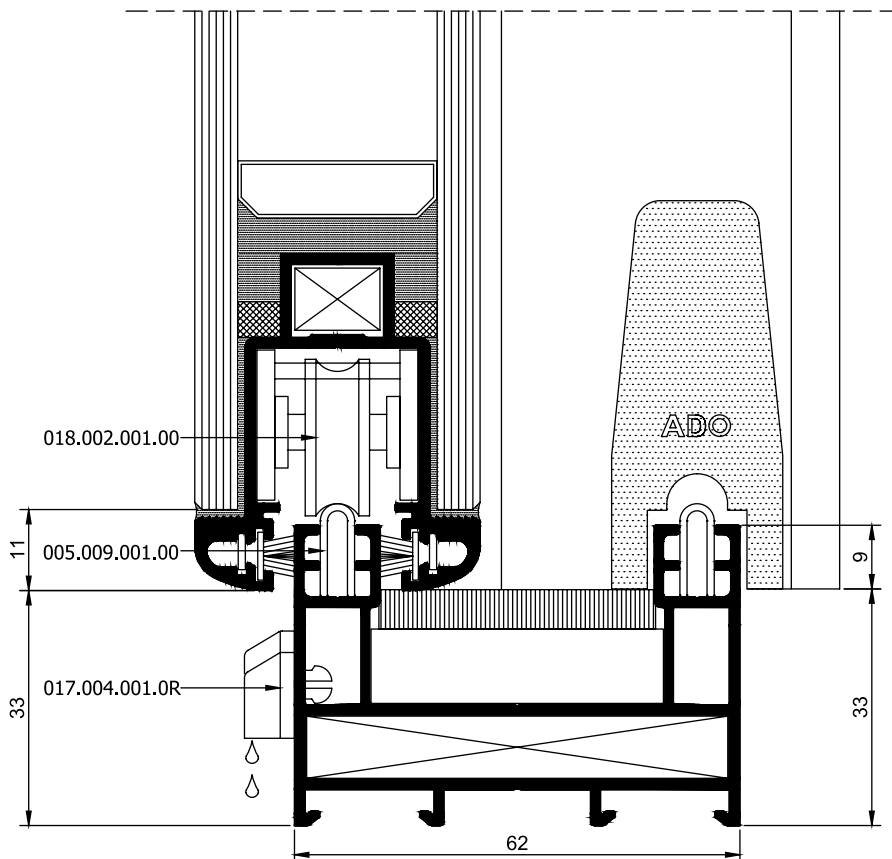
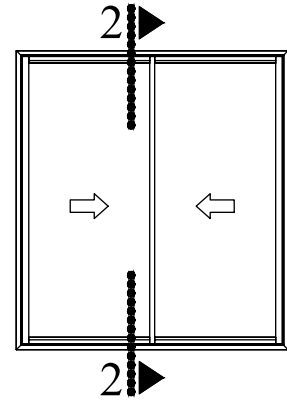
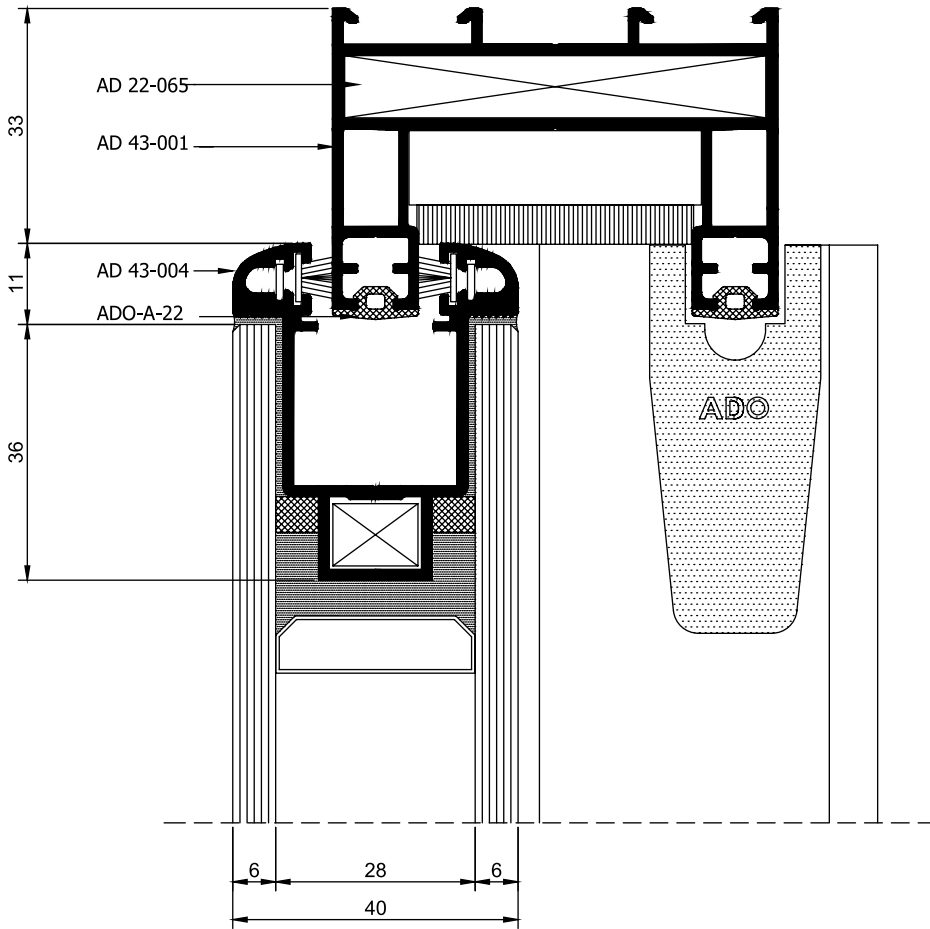
AD 22 - 065 ( 1,958 Kg/m )

## AD SG40 UNINSULATED SLIDING JOINERY SYSTEM



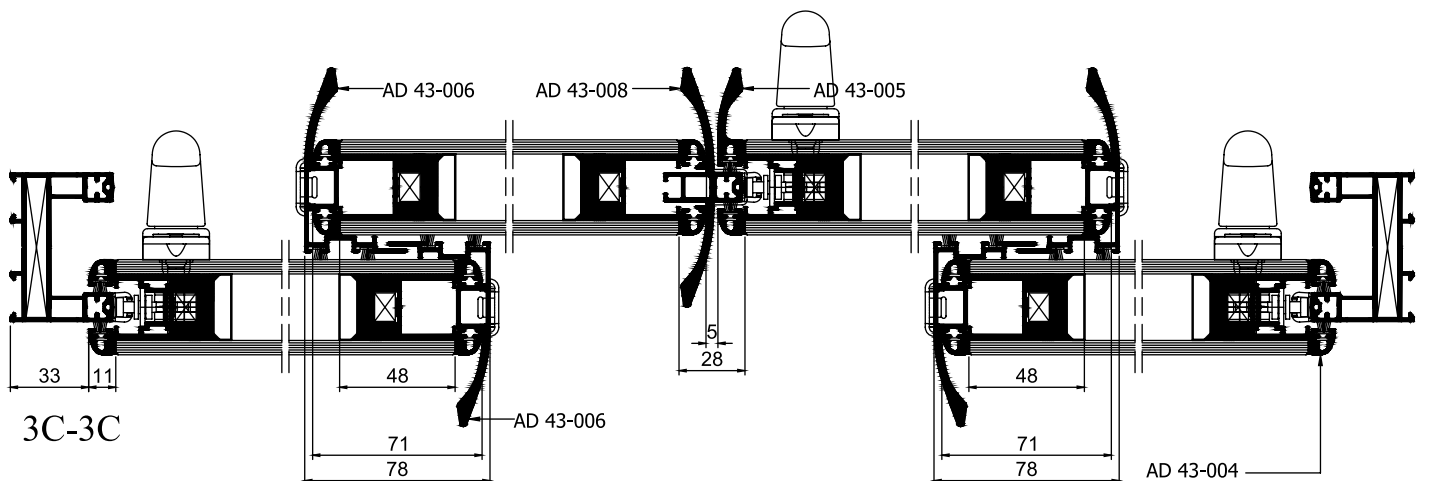
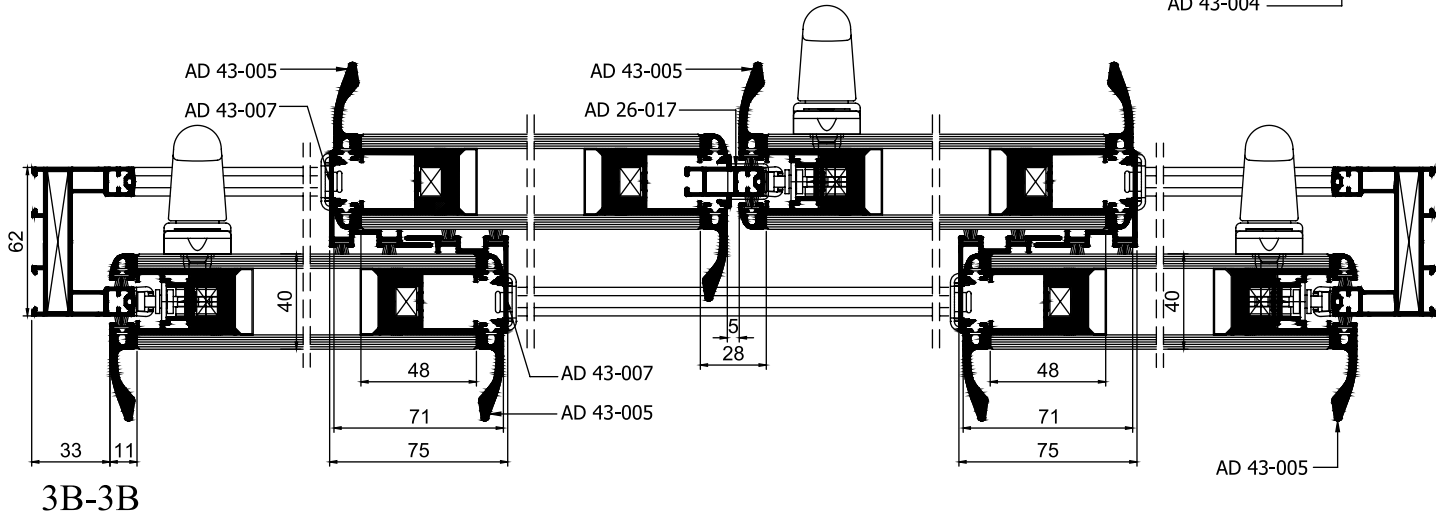
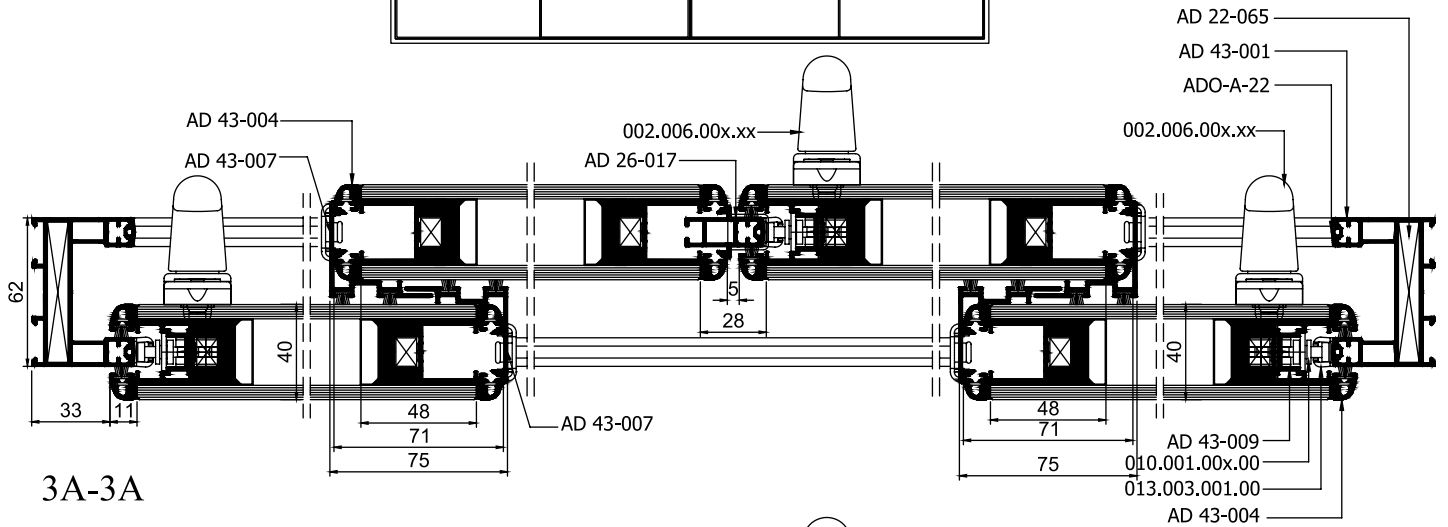
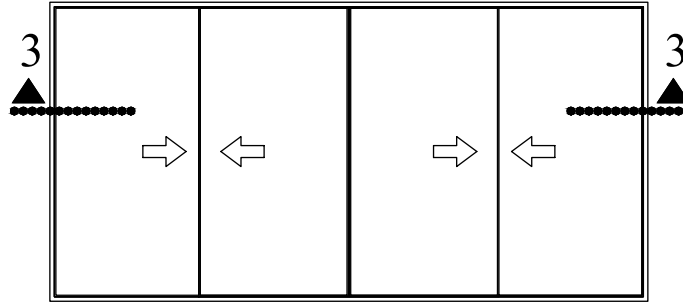


**AD SG40 UNINSULATED SLIDING JOINERY SYSTEM**



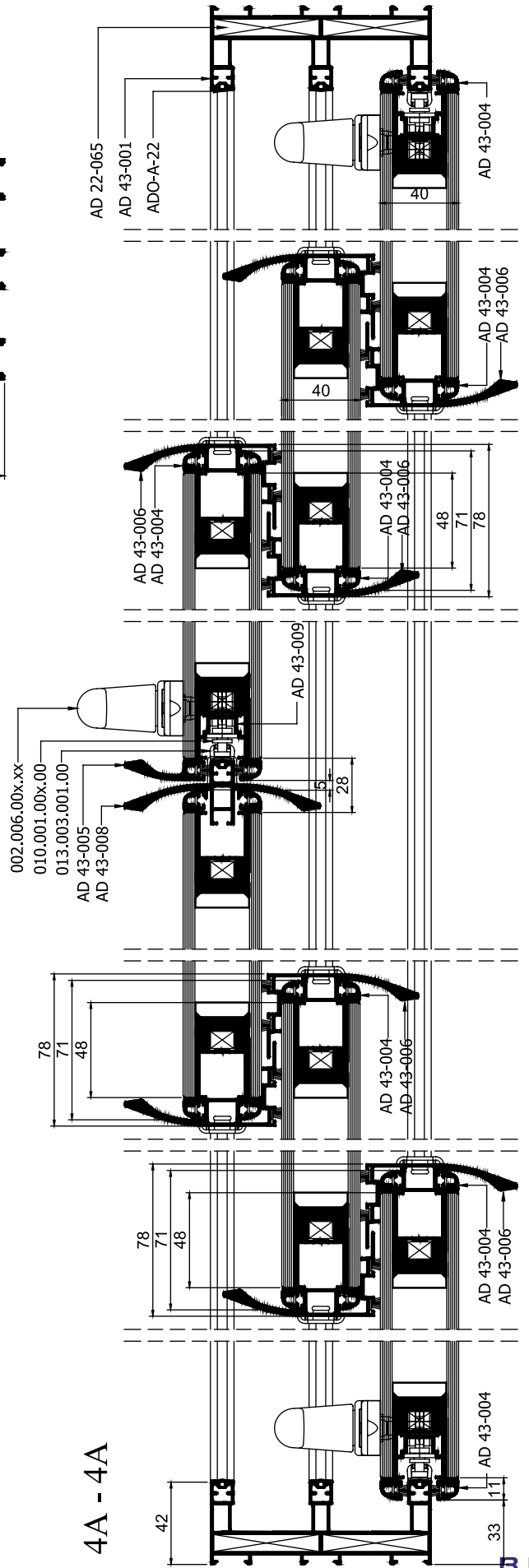
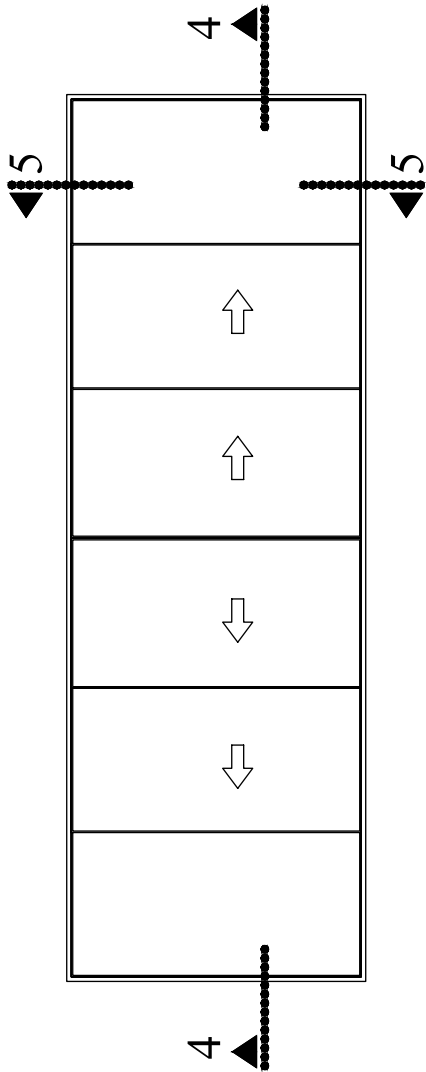
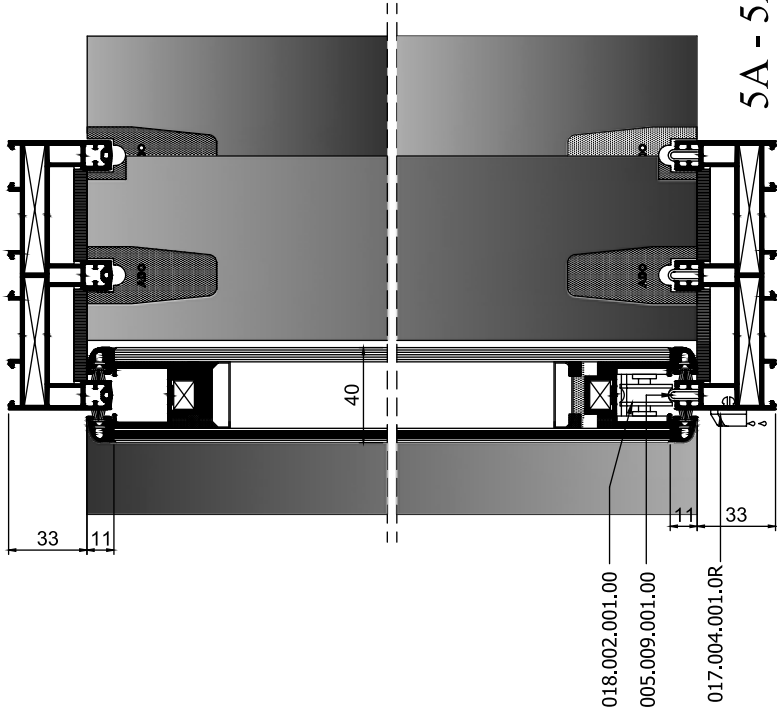
2-2

## AD SG40 UNINSULATED SLIDING JOINERY SYSTEM





**AD SG40 UNINSULATED SLIDING JOINERY SYSTEM**









# ADO Alüminyum

[www.adoaluminyum.com.tr](http://www.adoaluminyum.com.tr)

## FACTORY

Antalya Organize Sanayi Bölgesi 2.Kısım Mah. 21.Cadde No:3 07040 Döşemealtı / ANTALYA  
Tel : +90 242 236 40 00 · Faks : +90 242 236 40 90 · Email : [info@adoaluminyum.com.tr](mailto:info@adoaluminyum.com.tr)