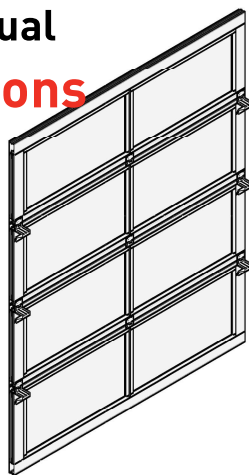


FF Installation manual

Full vision sections

With glass laths for:

Industrial
Kingspan
Metecno
Thyssen
Epcó

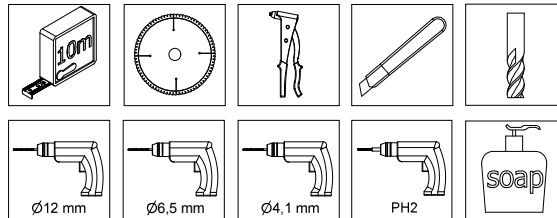


Glazing <5 kg/m2 PMMA / SAN only

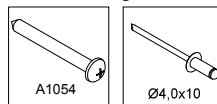
D001627646 rev.06-01-2026

1

Needed tools



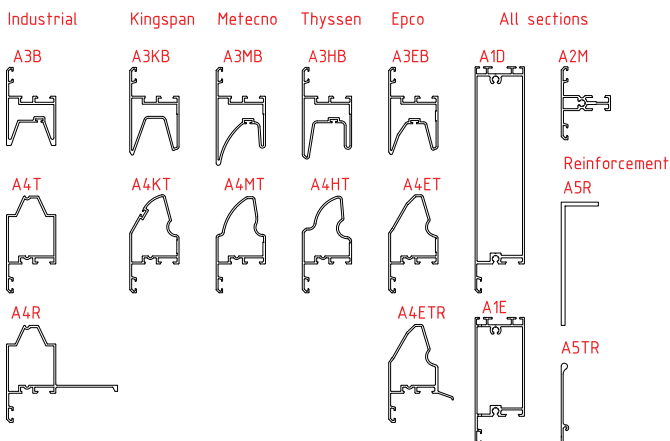
Needed fixing materials



D001627646 rev.06-01-2026

2

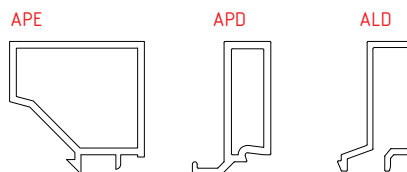
Profile overview



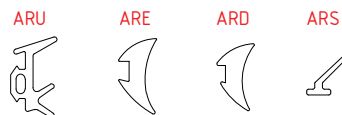
D001627646 rev.06-01-2026

3

Glass laths overview



Rubber seal overview



D001627646 rev.06-01-2026

4

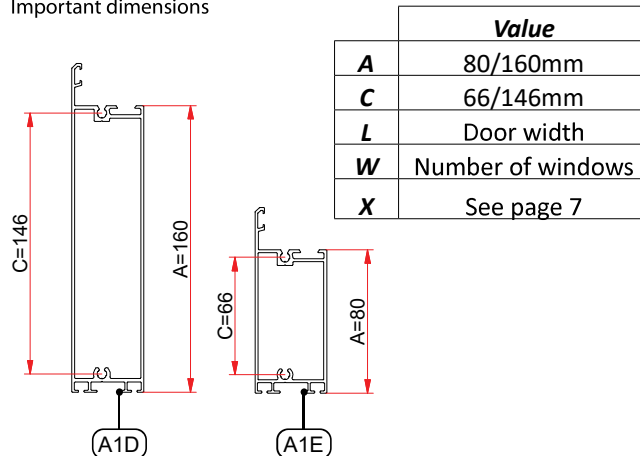
Select correct FF profile - for positions see page 9 -13

Position		Industrial (not fingersafe)	Residential (fingersafe)			
			KingSpan	Metecno	Thyssen	EPCO
B1		A4T	A4KT	A4MT	A4HT	A4ET
B2	Single Hardware	A1E				
	Double Hardware	A1D				
B3	80mm	A1E				
	160mm	A1D				
B4		A3B	A3KB	A3MB	A3HB	A3EB
B5		A2M				
B6/B7	Plastic version for 3mm Glazing	APE				
	Plastic version for 21mm Glazing	APD				
	ALU version for 21mm Glazing	ALD				
B8	OPW >4500mm	A4R				A4ETR
B9	OPW >6000mm					A4ETR
B10	OPW >6000mm	A5R				A5TR
B11	OPW >6000mm					A5TR

D001627646 rev.06-01-2026

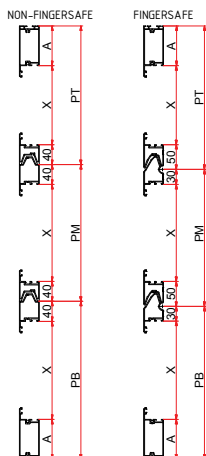
5

Important dimensions



D001627646 rev.06-01-2026

6



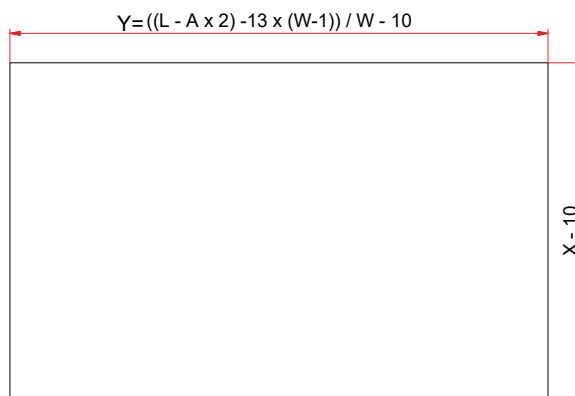
Calculate X

		Panel Type	
		Non-FingerSafe	Fingersafe
X =	Bottom	PB-A-40	PB-A-30
	Middle	PM-40-40	PM-50-30
	Top	PT-A-40	PT-A-50

D001627646 rev.06-01-2026

7

Calculate window dimensions



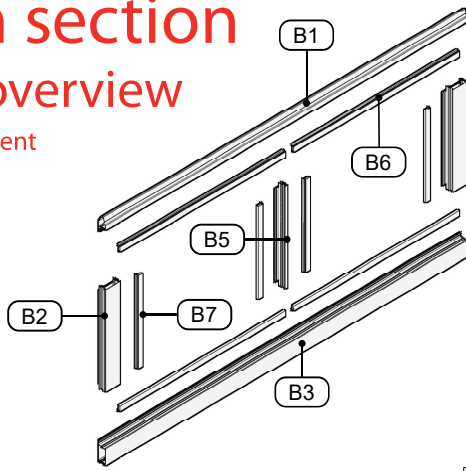
D001627646 rev.06-01-2026

8

Bottom section position overview

without reinforcement

- B1 : 1x
- B2 : 2x
- B3 : 1x
- B5 : W - 1
- B6 : W x 2
- B7 : W x 2



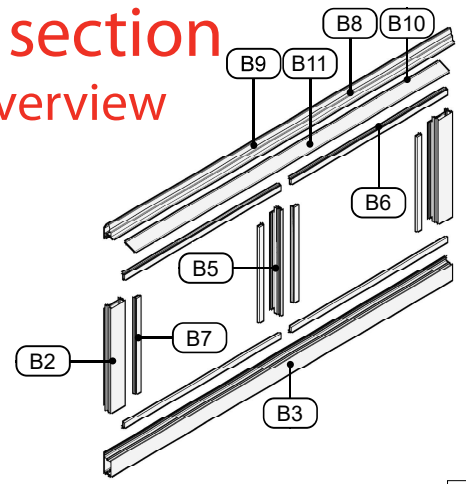
D001627646 rev.06-01-2026

9

Bottom section position overview

with reinforcement

- B2 : 2x
- B3 : 1x
- B5 : W - 1
- B6 : W x 2
- B7 : W x 2
- B8/B9 : 1x
- B10/B11 : 1x



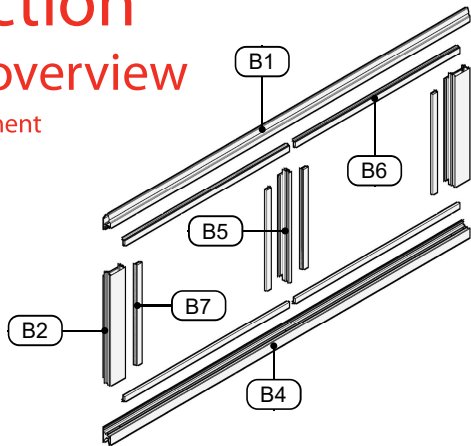
D001627646 rev.06-01-2026

10

Mid section position overview

without reinforcement

- B1 : 1x
- B2 : 2x
- B4 : 1x
- B5 : W - 1
- B6 : W x 2
- B7 : W x 2



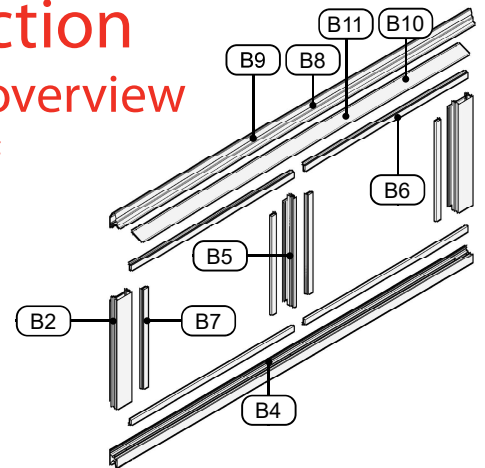
D001627646 rev.06-01-2026

11

Mid section position overview

with reinforcement

- B2 : 2x
- B4 : 1x
- B5 : W - 1
- B6 : W x 2
- B7 : W x 2
- B8/B9 : 1x
- B10/B11 : 1x



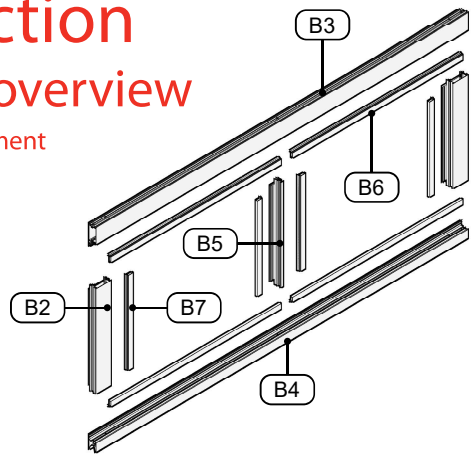
D001627646 rev.06-01-2026

12

Top section position overview

without reinforcement

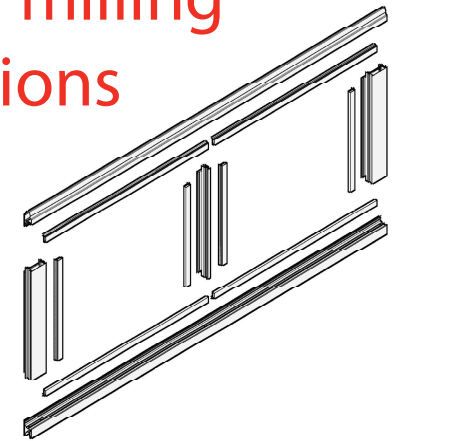
- B2 : 2x
- B3 : 1x
- B4 : 1x
- B5 : W - 1
- B6 : W x 2
- B7 : W x 2



D001627646 rev.06-01-2026

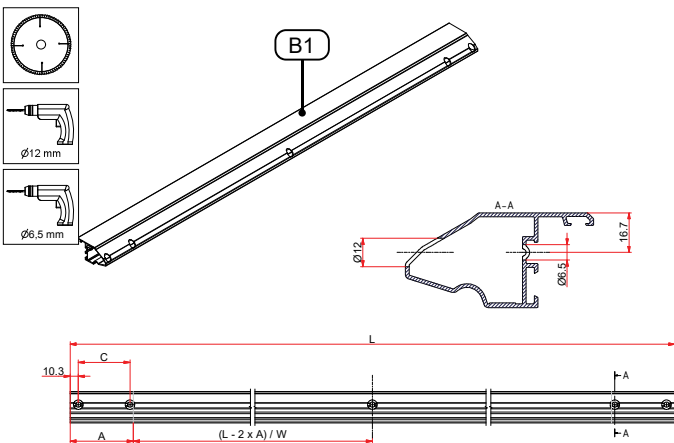
13

Cut and milling instructions



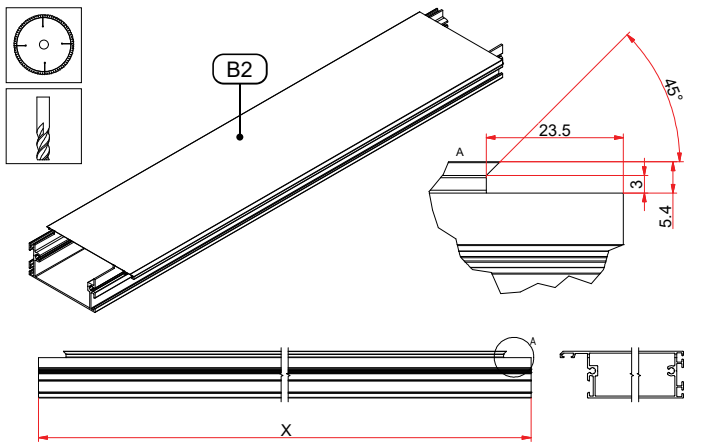
D001627646 rev.06-01-2026

14



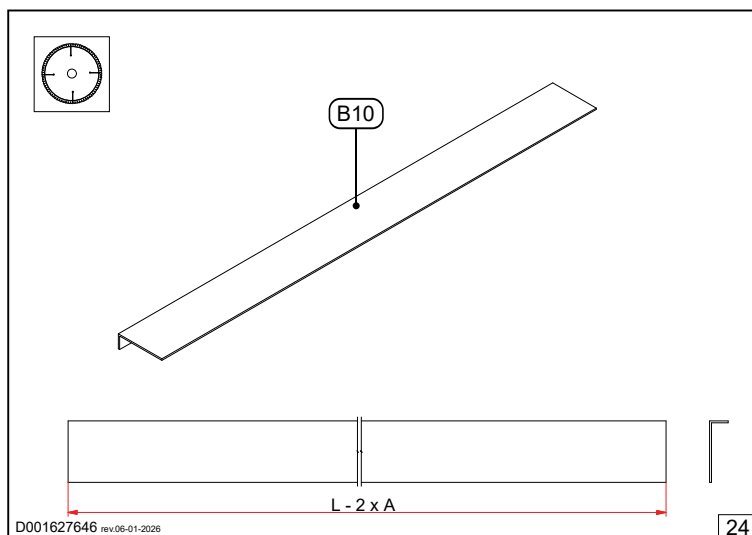
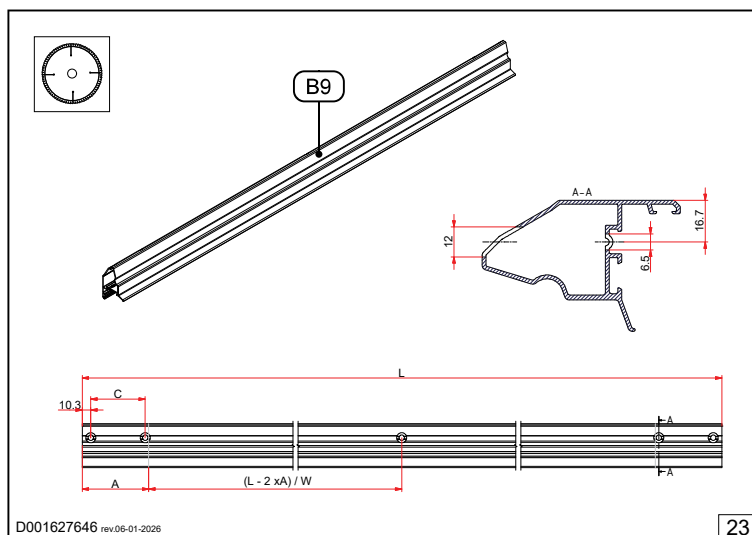
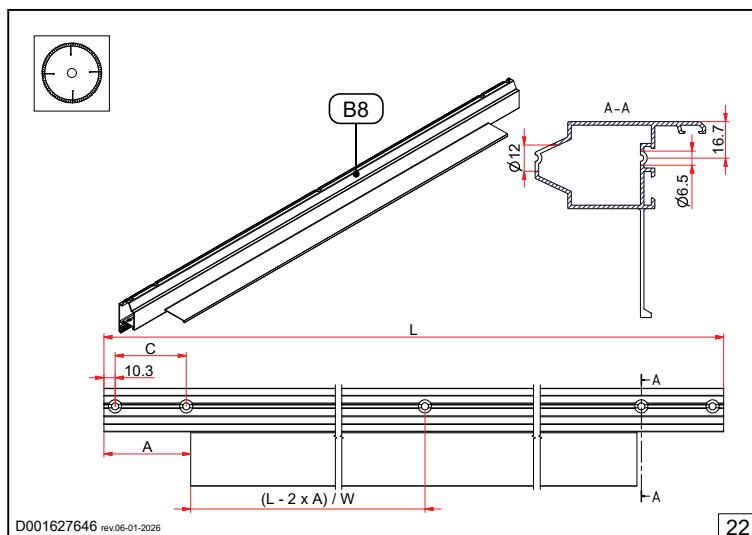
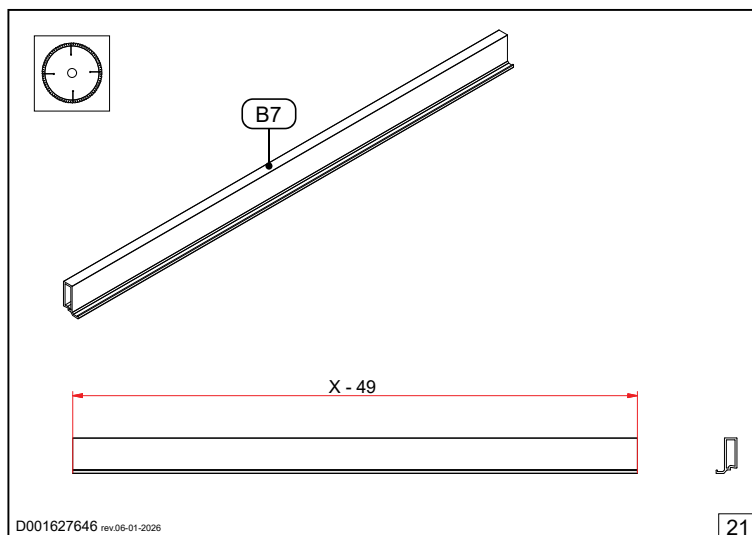
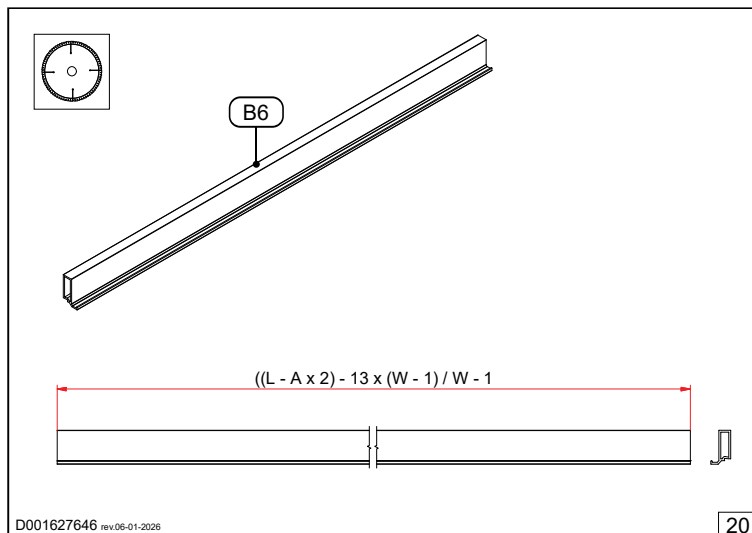
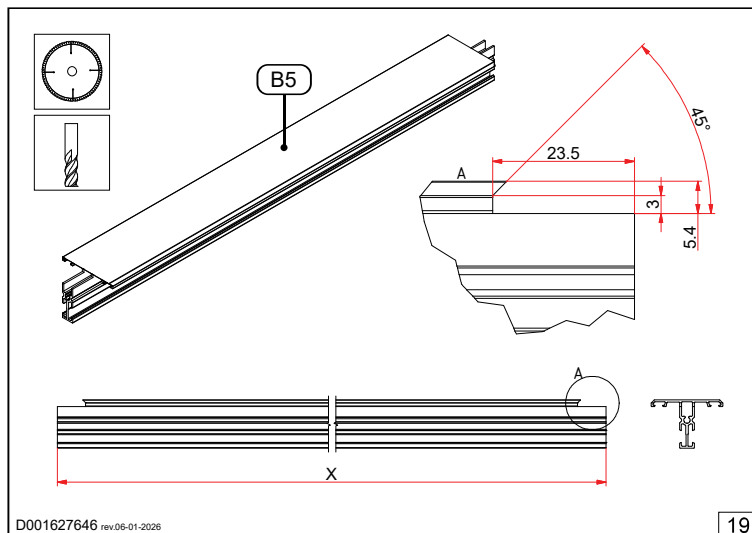
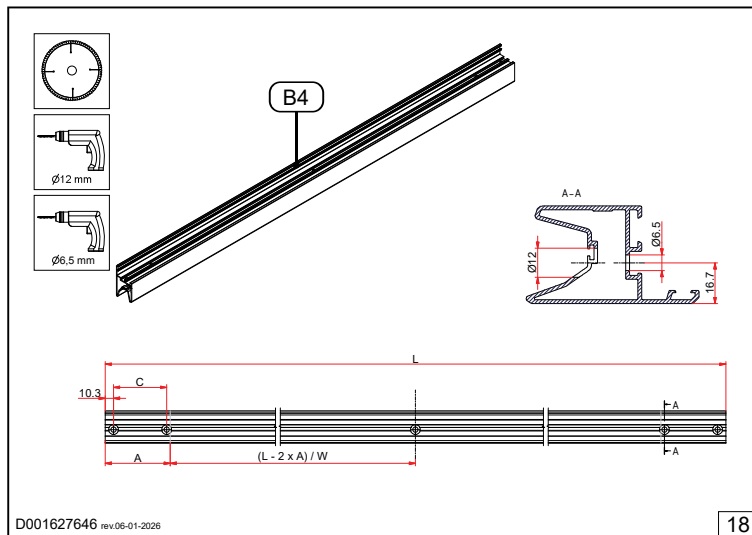
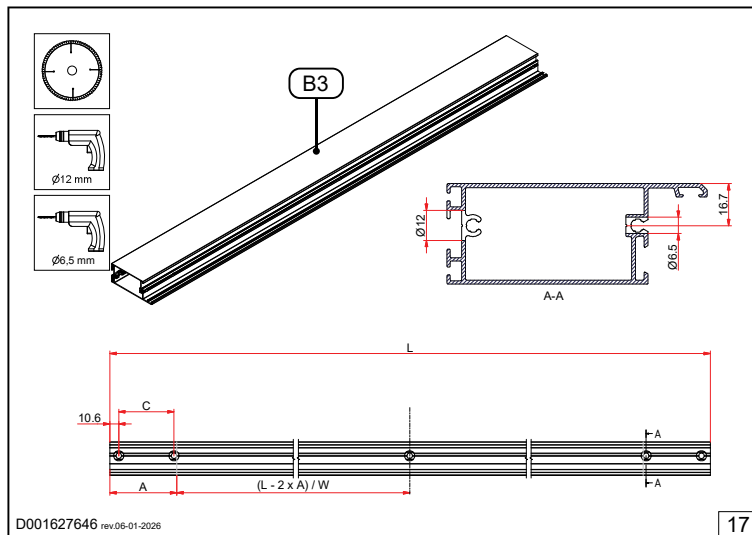
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15



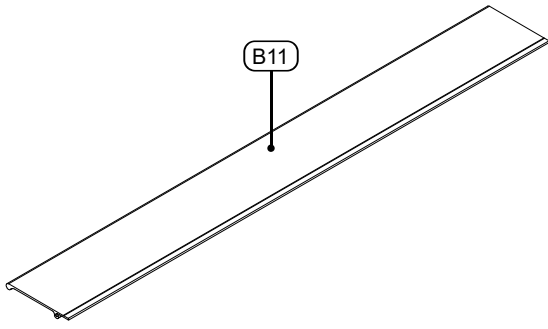
D001627646 rev.06-01-2026

16





B11



D001627646 rev.06-01-2026

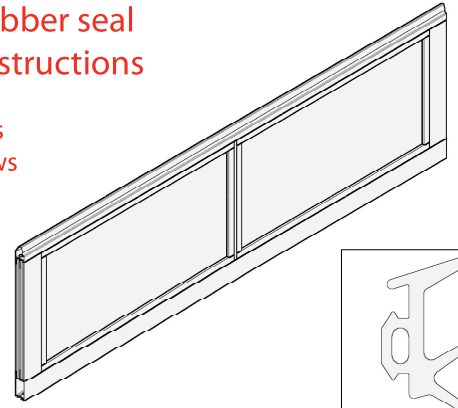
25

Sections

with ARU rubber seal
assembly instructions

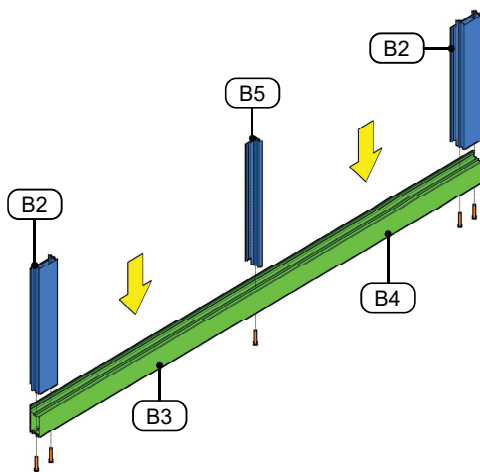
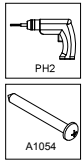
Glazing <5 kg/m2 PMMA / SAN only

- * 3mm windows
- * 21mm windows



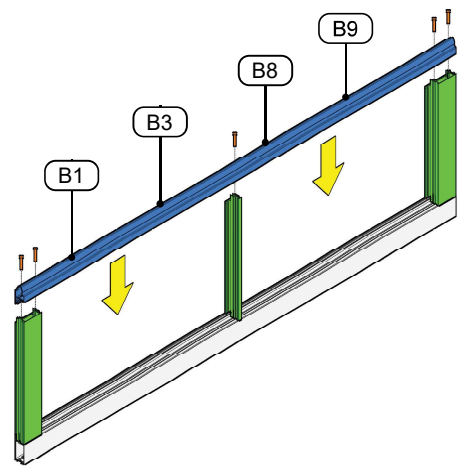
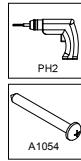
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26



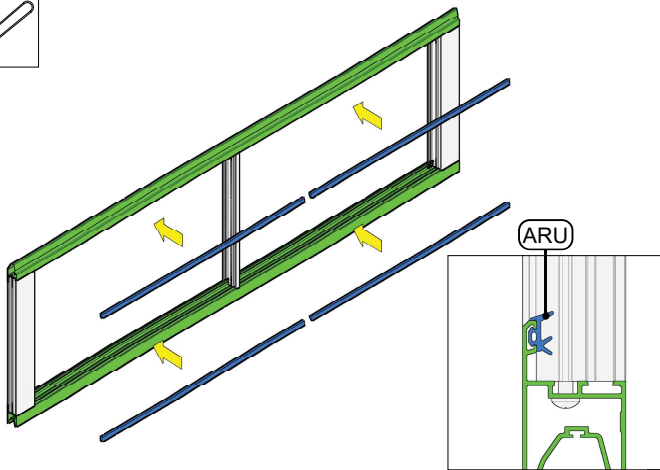
D001627646 rev.06-01-2026

27



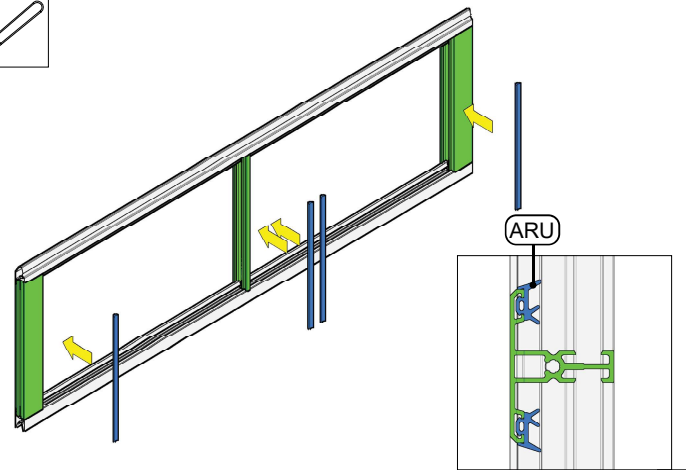
D001627646 rev.06-01-2026

28



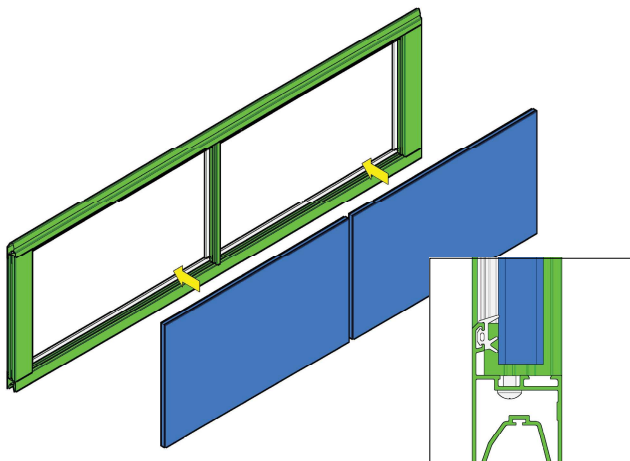
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29



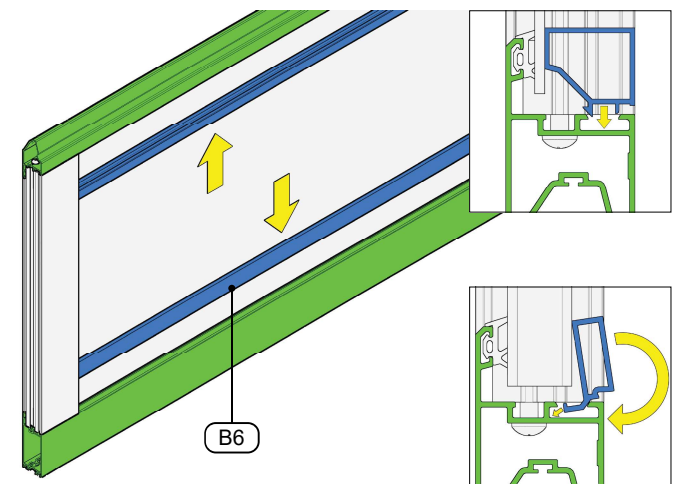
D001627646 rev.06-01-2026

30



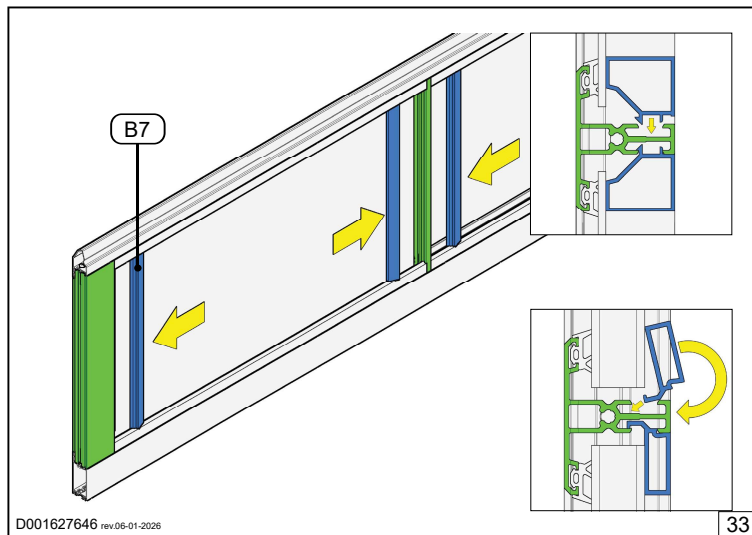
D001627646 rev.06-01-2026

31



D001627646 rev.06-01-2026

32



Sections with ARE or ARD rubber seal assembly instructions

Glazing <5 kg/m2 PMMA / SAN only

* ARE for 3mm windows

* ARD for 21mm windows

