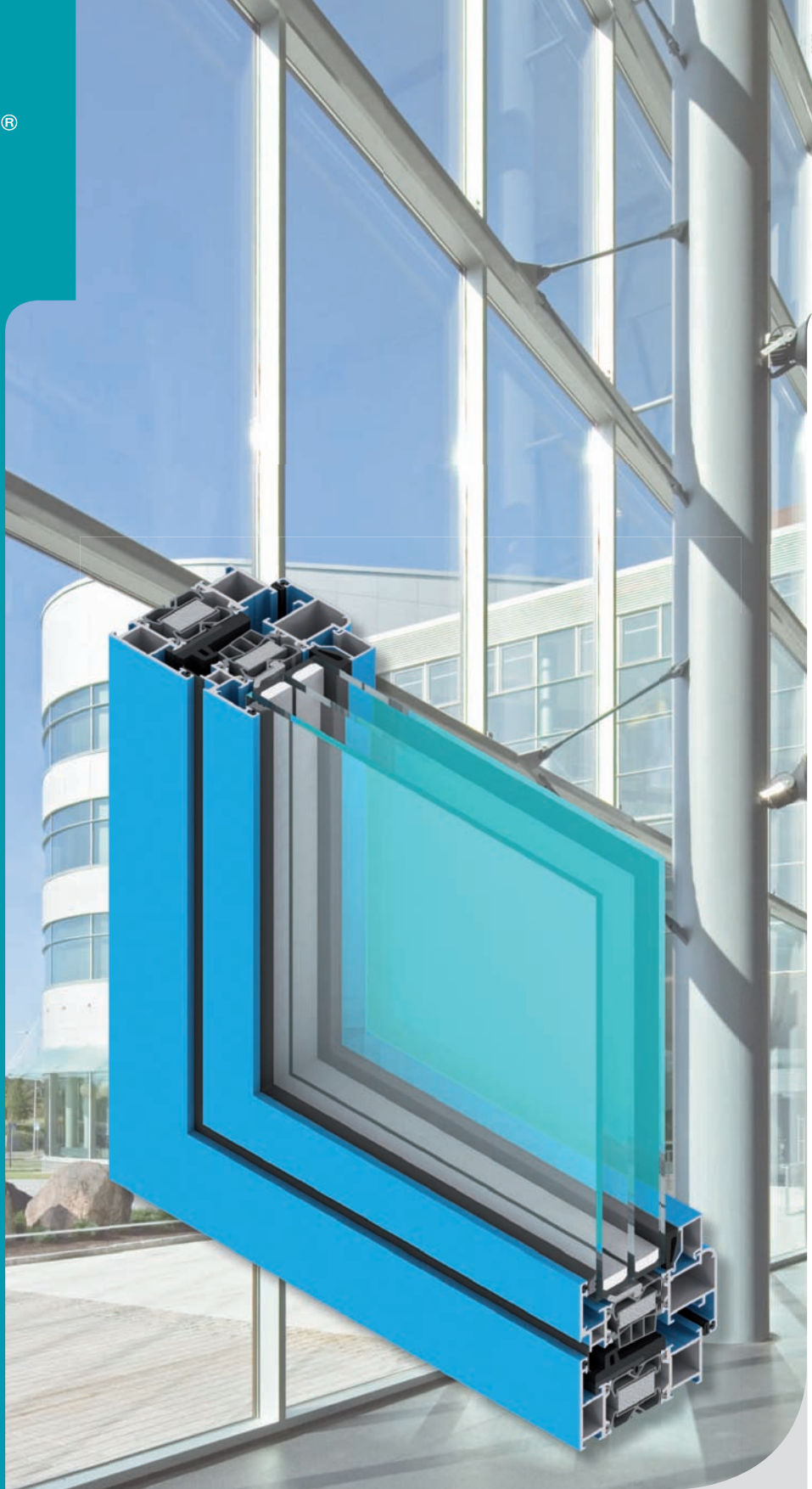


LK78

Lämpöeristetty
ovi- ja ikkunasarja

Insulated
doors and windows



Alumiiniset
rakennusjärjestelmät
Building Systems
in Aluminium

LK78

Käyttökohteita ovat ulko-ovet ja ikkunat mm:

- käyntiovet
- liukuovet
- tuulikaapit
- kiinteät ikkunat
- sisään- ja ulosaukeavat ikkunat

Ominaisuuksia

- Erinomainen lämmöneristävyys. Ikkunan U-arvo jopa alle $0.9 \text{ W/m}^2\text{K}$ lasivalinnasta riippuen.
- Runkoprofiilit koostuvat kahdesta alumiinisesta suulakepuristetusta osasta, jotka on yhdistetty toisiinsa muovisilla lämpökatkoilla, jotka toimivat lämmöneristeenä.
- Profiilien pintakäsittelynä on yleensä anodisointi tai jauhemaalaus. Runkoprofiilien ulko- ja sisäpuoli voidaan tehdä erivärisiksi.
- Erinomaisen korroosionkeston ansiosta alumiinirakenne on pitkäikäinen ja helppohoitoinen.
- Runkosyvyys 78 mm
- Runkojen leveydet 30...150 mm
- Tarvittaessa voidaan tehdä myös uusia profiilimuotoja nopeasti ja edullisin kustannuksin.
- Alumiini on kevyttä, mutta kuitenkin lujaa ja jäykkää.
- Materiaalina alumiini on helposti kierrätettävää.
- LK78 -järjestelmän ovet ja ikkunat voidaan liittää helposti P50L-julkisivujärjestelmään.

Ovet

- Ovet voivat olla ulos- tai sisäänpäinaukeavia.
- Profileihin sopii tavalliset metallioven lukkorungot.
- Valikoimissa myös putkisarana.
- Ovilehden paino max 120 kg.

Ikkunat

- Kiinteät ja aukeavat ikkunat.

Lasitus

- Käytettävän eristyslasipaketin tai umpiosan vahvuus 18-61 mm.
- Erilaisilla lasituslistoilla ja tiivisteillä saadaan lasitilan syvyys sopivaksi eri lasinvahvuuksille.

Purso Oy vastaa tämän tuotekansion detaljien toimivuudesta, mutta muista sovelluksista vain erikseen sovittaessa.

Vastuu rakenteiden valmistuksen ja asennuksen valvonnasta ei kuulu Purso Oy:lle.

Purso Oy quarantees the function of the applications described in this catalogue.

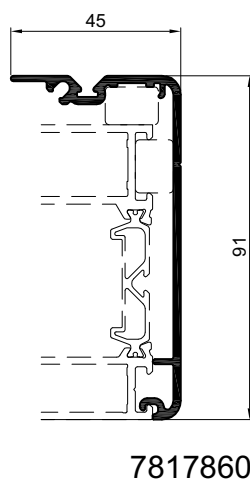
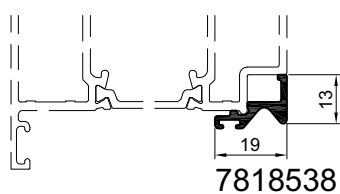
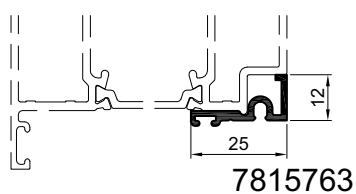
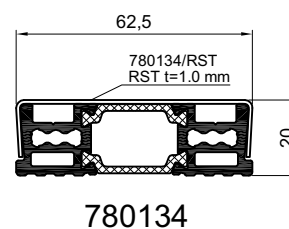
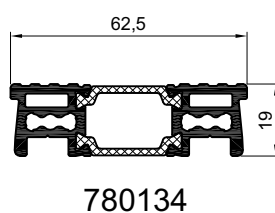
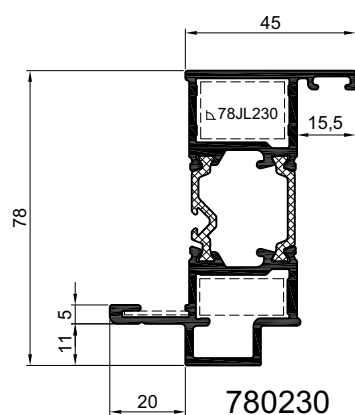
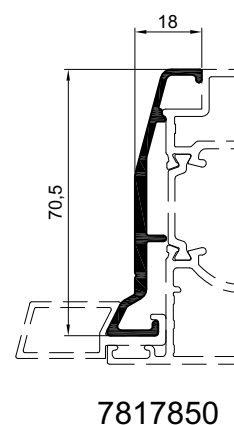
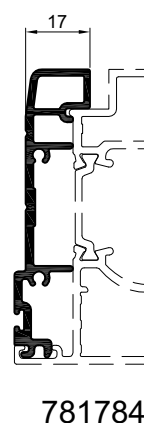
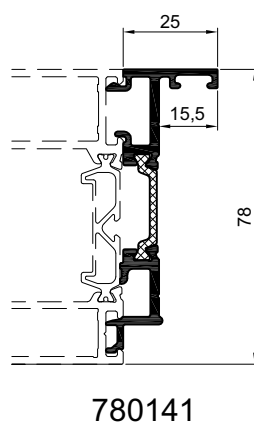
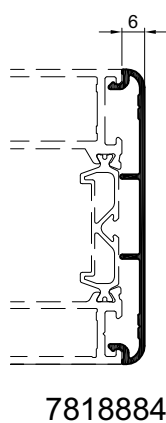
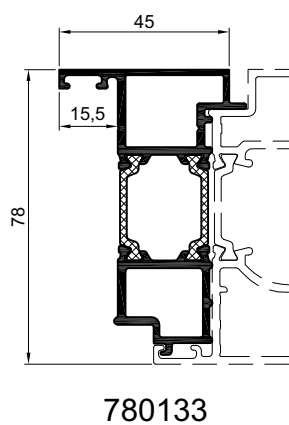
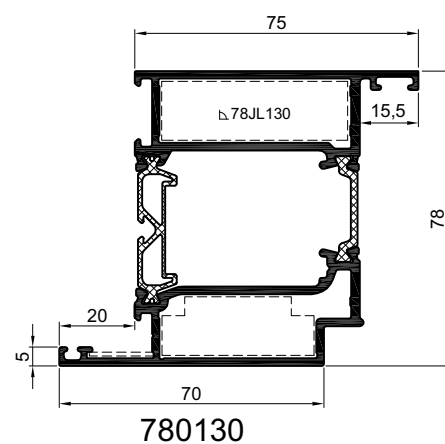
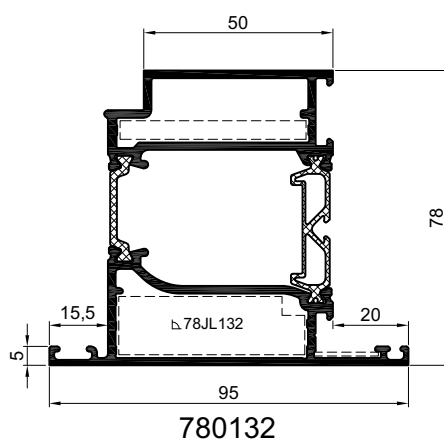
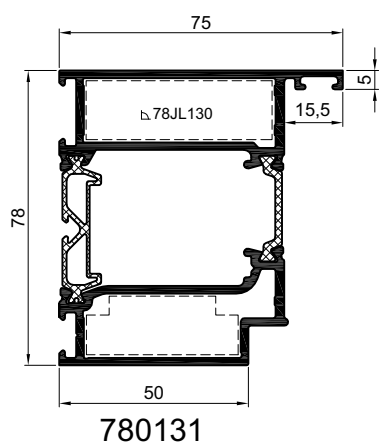
Other applications are quaranteed only by separate agreement.

Purso Oy does not take responsibility for control of the installations.

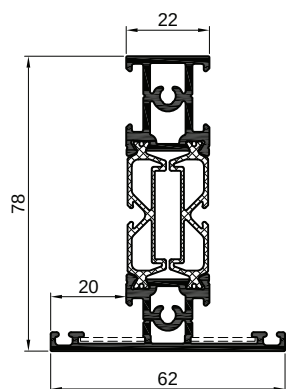
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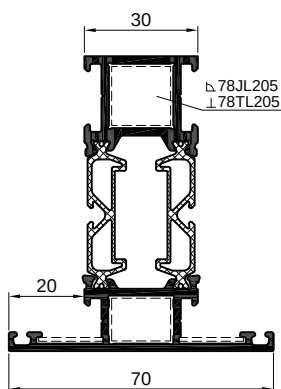
OVIPROFIILIT
DOOR PROFILES



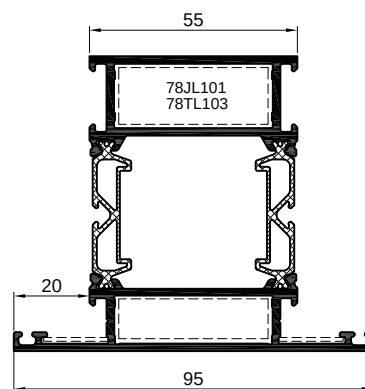
RUNKOPROFILIT FRAME PROFILES



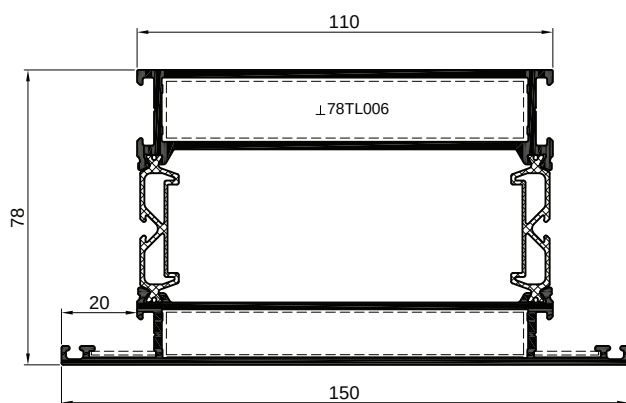
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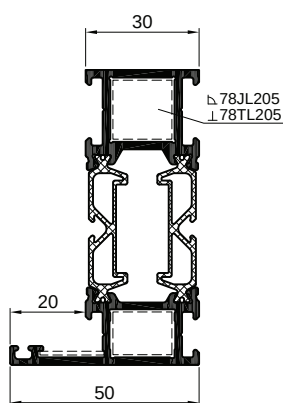
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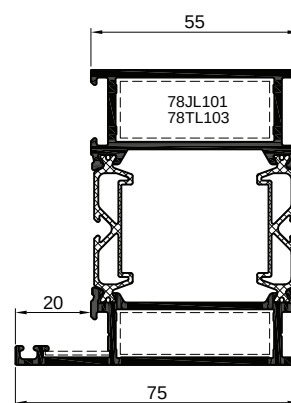
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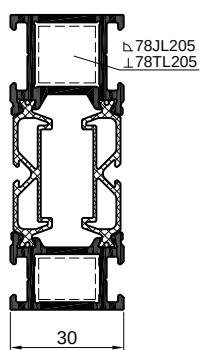
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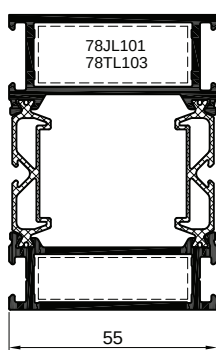
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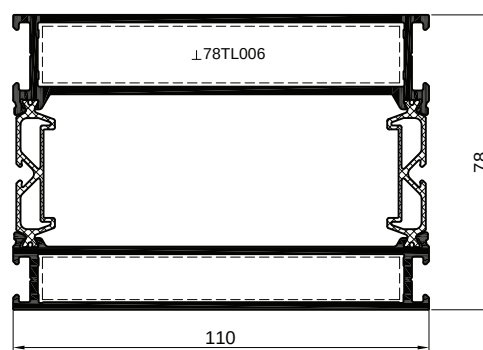
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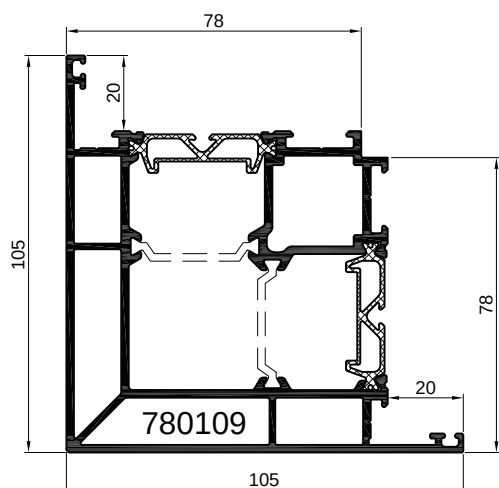
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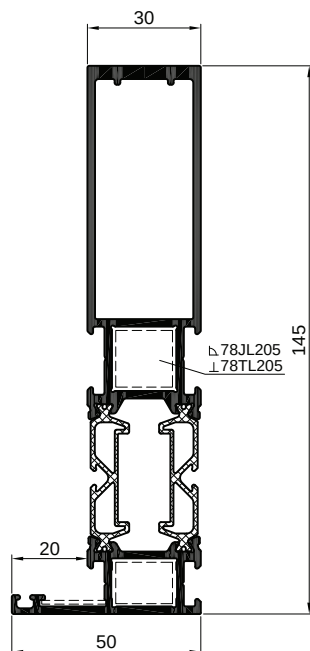
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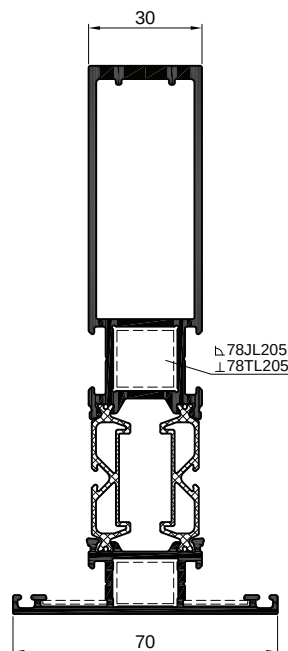
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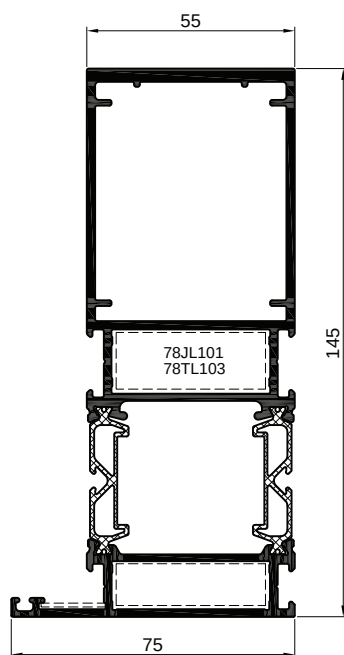
RUNKOPROFIILIT FRAME PROFILES



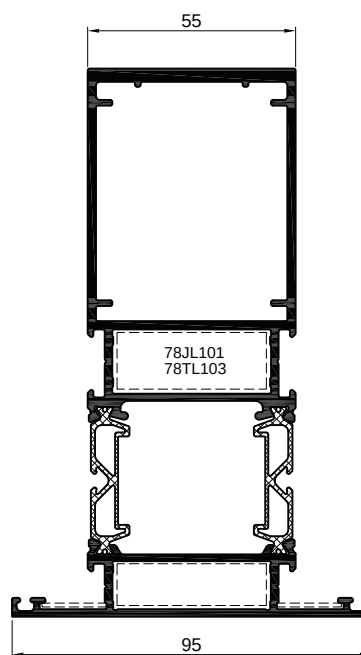
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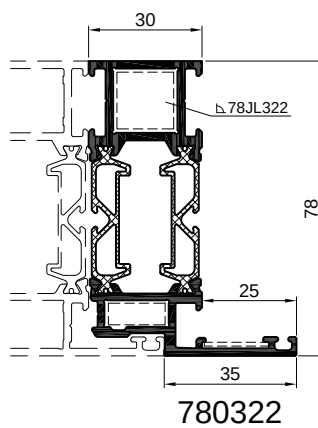
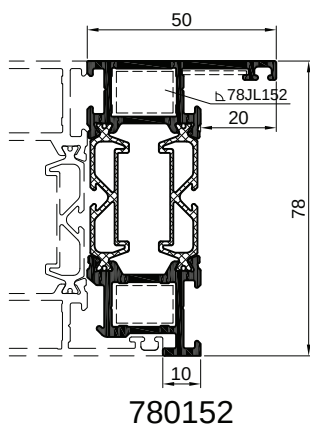
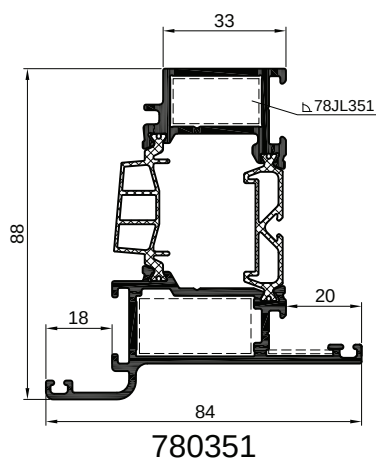
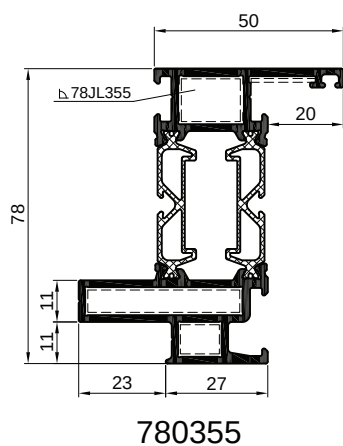
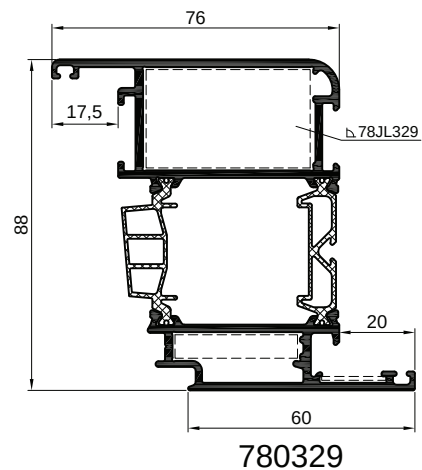
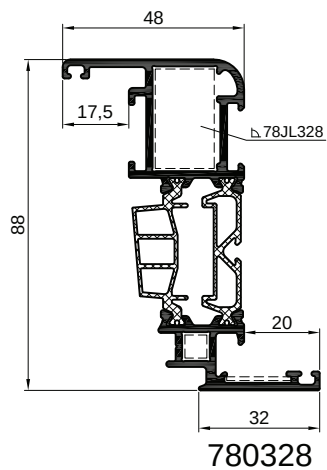
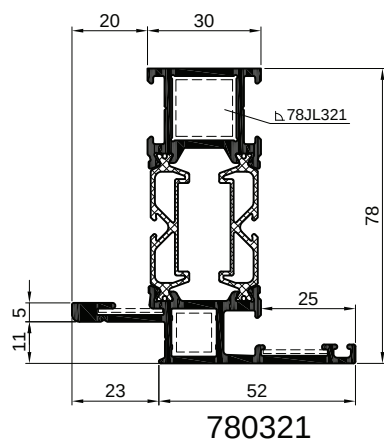


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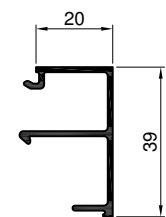


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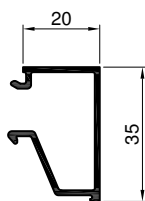
IKKUNAPROFIILIT
WINDOW PROFILES



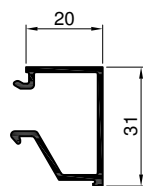
LASITUSLISTAT GLAZING BEADS



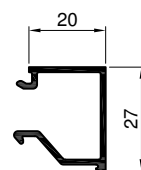
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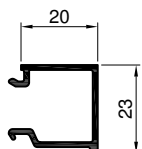
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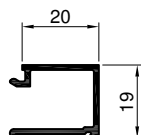
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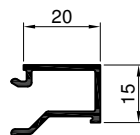
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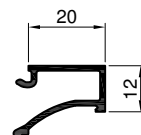
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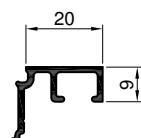
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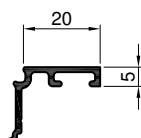
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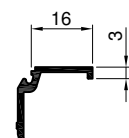
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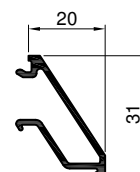
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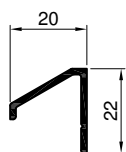


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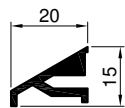


788261

TARVIKKEITA ACCESSORIES



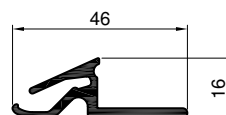
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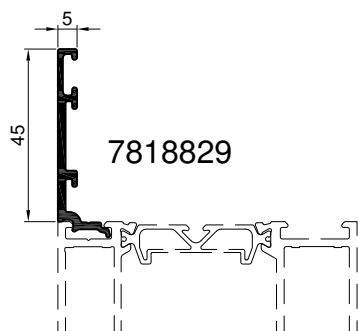
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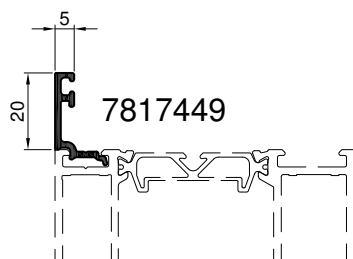
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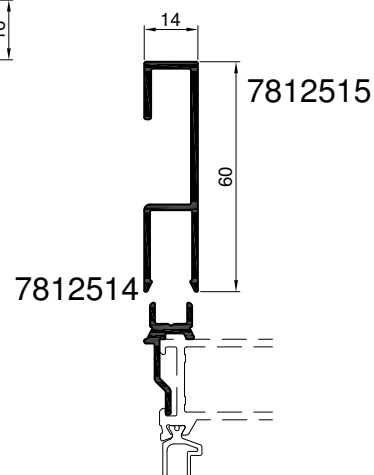
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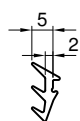
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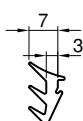
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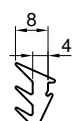
TIIVISTEET SEALINGS



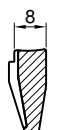
PX4



PX5



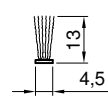
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KT08



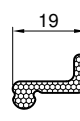
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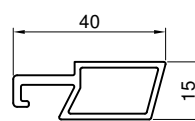
HT1



LOT3



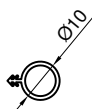
PE1



SOT1



DX731



DX733



IT511



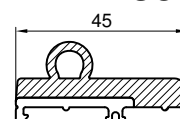
DX781



DX782



DX783



PT781

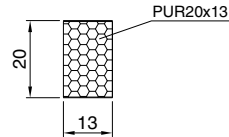
LISÄERISTEET ADDITIONAL INSULATION

ERISTESOIRO

L=1250, 10 kpl/pakkaus

Profileille: 780002, 780152, 780205, 780206, 780321,
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PUR20x13

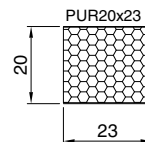


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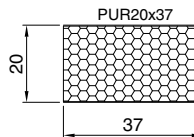


ERISTESOIRO

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Profileille: 780100, 780101, 780103, 780329, 780401,
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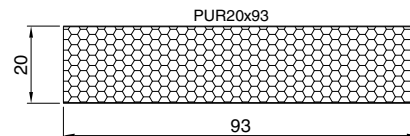


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Profileille: 780001, 780006

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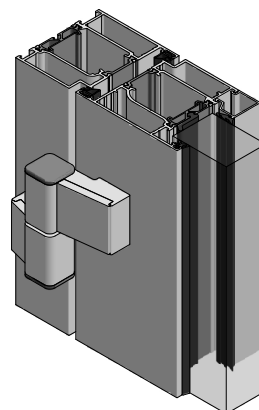
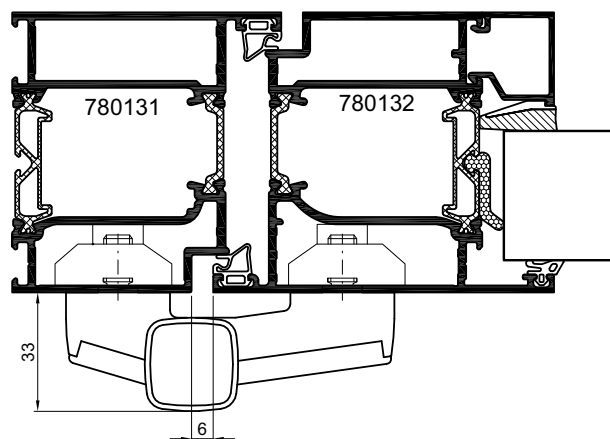


LIITOSKAPPALEET JOINING PIECES

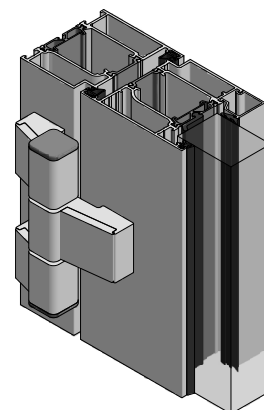
Profili	Jiiriliitos- kappale	T-liitoskappale
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780002	78JL205	78TL205
780006		78TL006
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780101	78JL101	78TL103
780103	78JL101	78TL103
780130	78JL130	
780131	78JL130	
780132	78JL132	
780152	78JL152	
780205	78JL205	78TL205
780206	78JL205	78TL205
780230	78JL230	
780321	78JL321	
780322	78JL322	
780328	78JL328	
780329	78JL329	
780351	78JL351	
780355	78JL355	
780401	78JL101	78TL103
780402	78JL101	78TL103
780403	78JL205	78TL205
780404	78JL205	78TL205

Liitos-kappale		Liitos-kappale		Liitos-kappale	
78JL101		78JL230		78JL351	
	Lukitus kulmapuristimella tai lukitustapein.		Lukitus kulmapuristimella tai lukitustapein.		Lukitus kulmapuristimella tai lukitustapein.
78JL130		78JL321		78JL355	
	Lukitus kulmapuristimella tai lukitustapein.		Lukitus kulmapuristimella.		Lukitus kulmapuristimella tai lukitustapein.
78JL132		78JL322		78TL205	
	Lukitus kulmapuristimella tai lukitustapein.		Lukitus kulmapuristimella tai lukitustapein.		Pidätinruuvit ja lukitustapit tulevat T-liitospalojen mukana
78JL152		78JL328		78TL103	
	Lukitus kulmapuristimella tai lukitustapein.		Lukitus kulmapuristimella.		Pidätinruuvit ja lukitustapit tulevat T-liitospalojen mukana
78JL205		78JL329		78TL006	
	Lukitus kulmapuristimella tai lukitustapein.		Lukitus kulmapuristimella tai lukitustapein.		Pidätinruuvit ja lukitustapit tulevat T-liitospalojen mukana

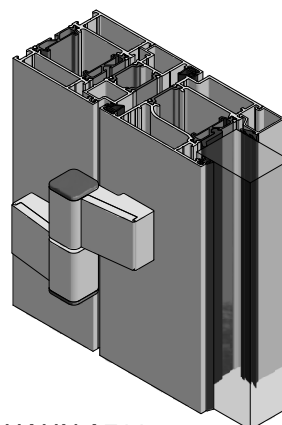
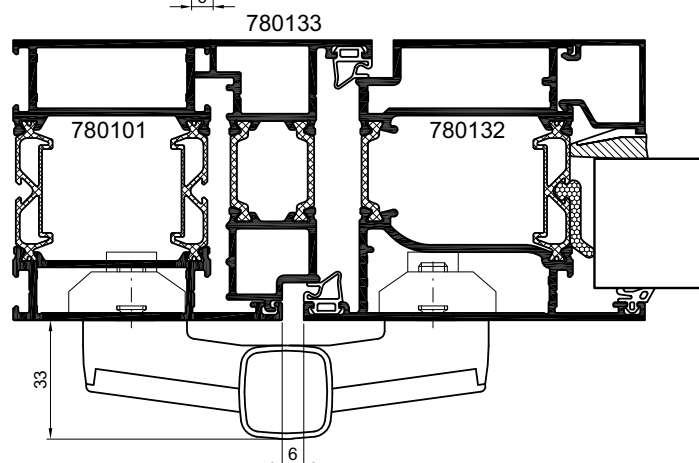
OVISARANAT DOOR HINGES



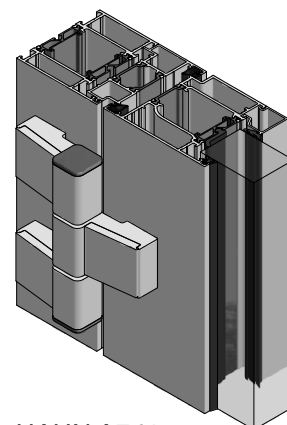
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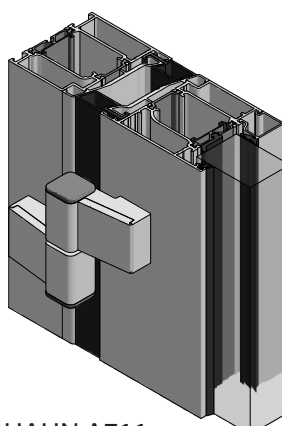
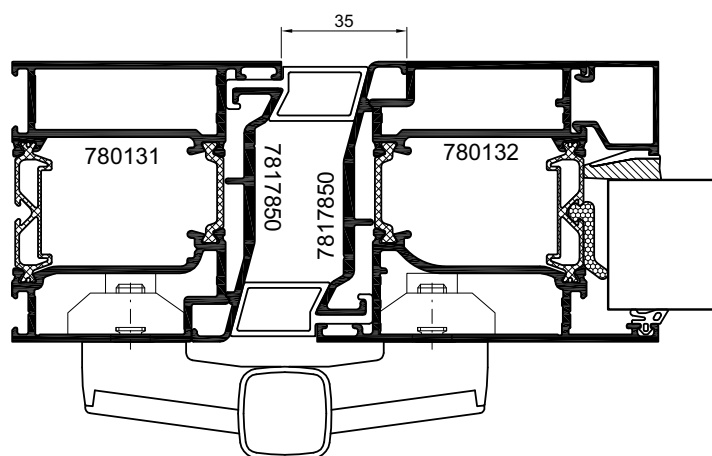
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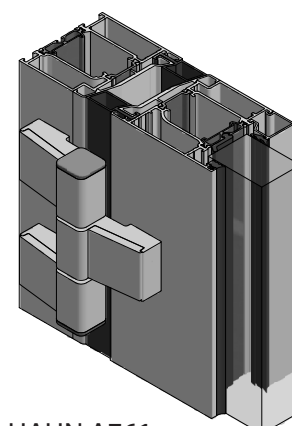
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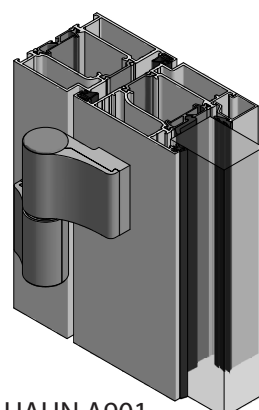
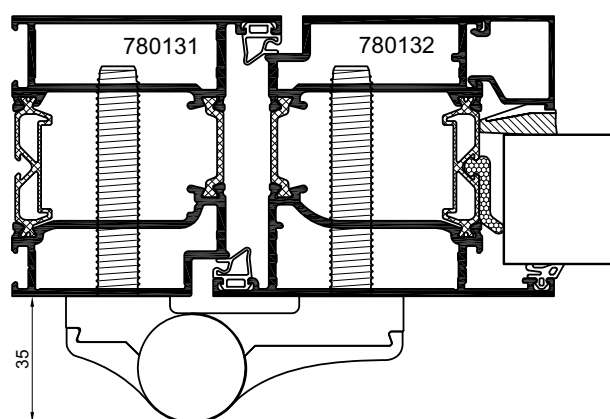
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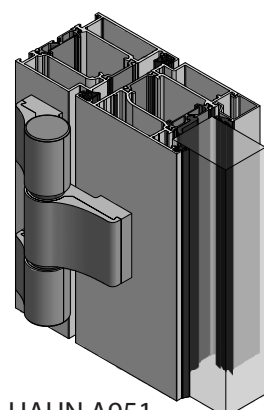
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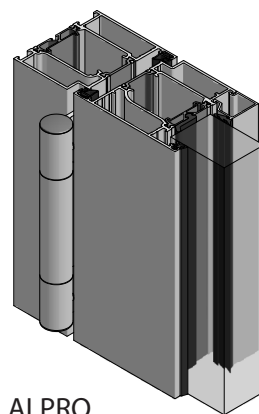
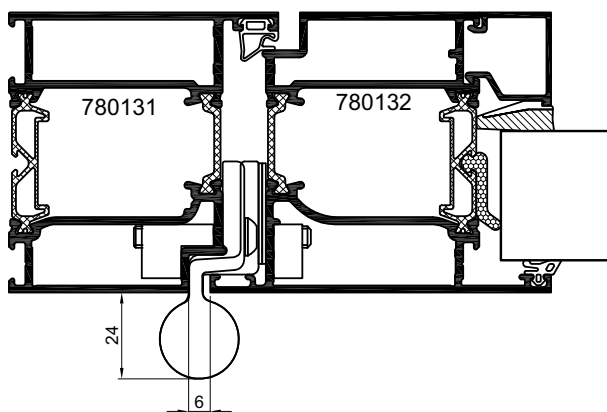
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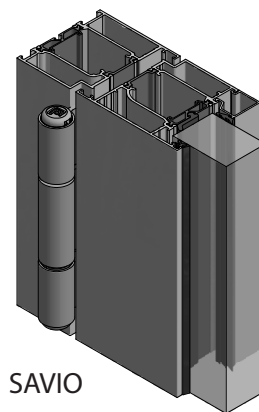
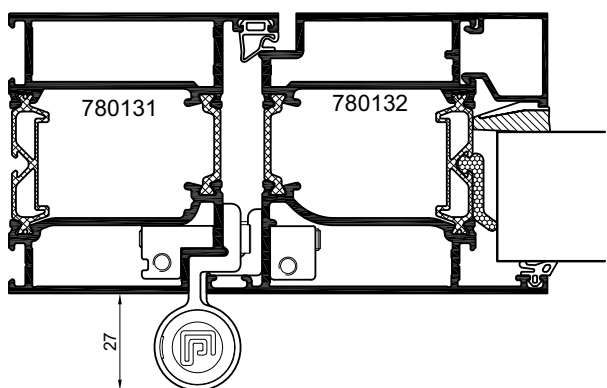
HAHN A901



HAHN A951

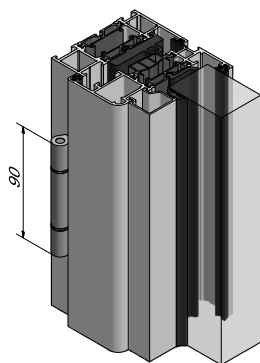


ALPRO

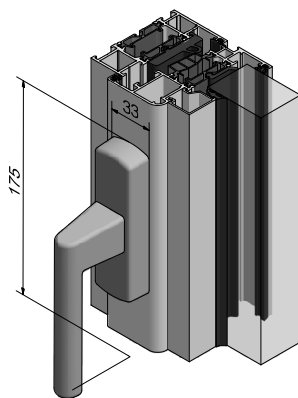


SAVIO

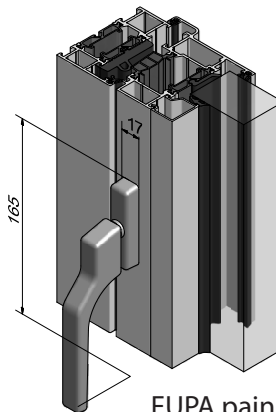
IKKUNAHELAT WINDOW MOUNTINGS



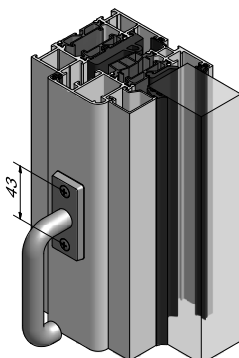
FASA saranat



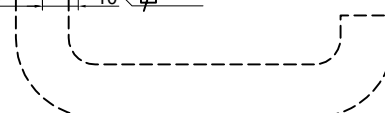
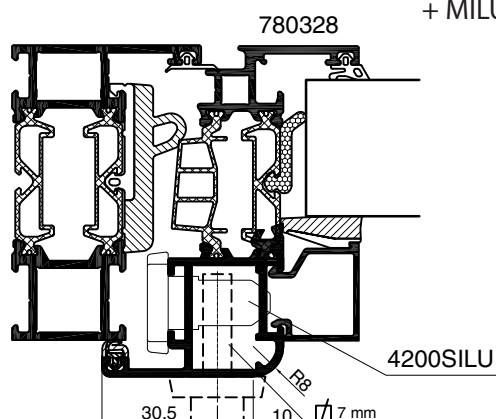
SIPA painike



FUPA painike
+ MILU



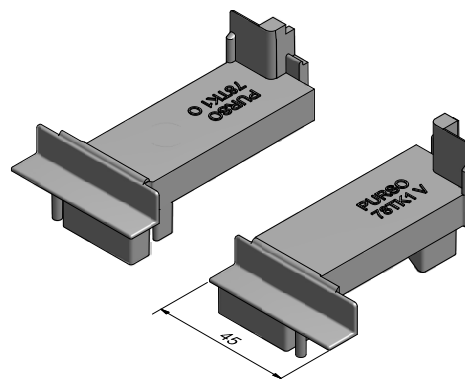
Painike 7mm karalla
esim. Primo



TARVIKKEITA
ACCESSORIES

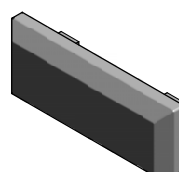
PARIOVEN TIIVISTYSKAPPALE
Pareittain

78TK



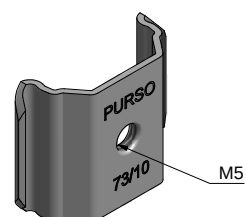
SUOJAHATTU

78SH



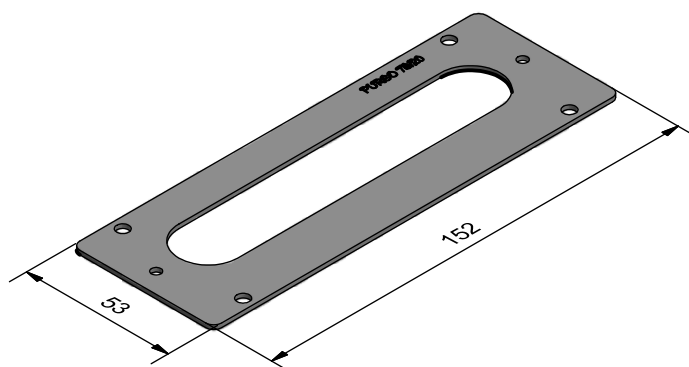
LUKON KIINNITYSHELÄ
2 kpl/lukkorunko

73/10



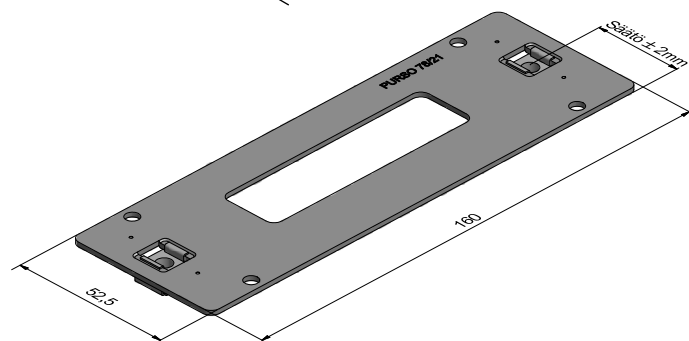
LUKON VASTALEVYN
ALUSLEVY

78/20



LUKON VASTALEVYN
ALUSLEVY, SÄÄDETTÄVÄ

78/21

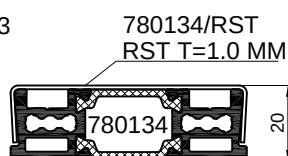
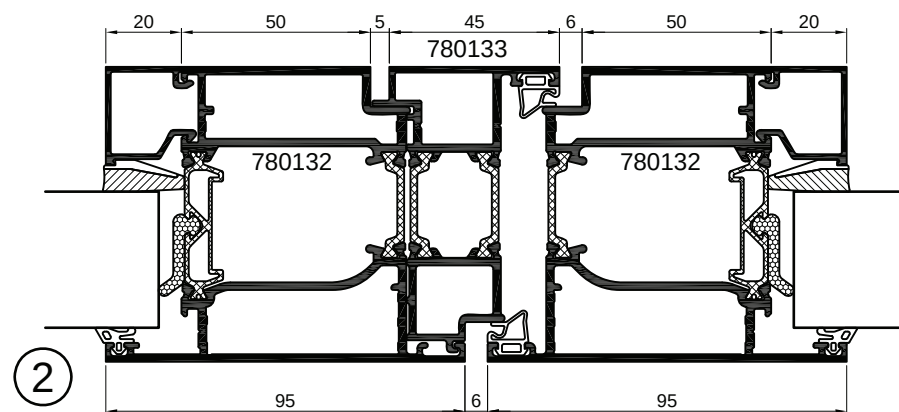
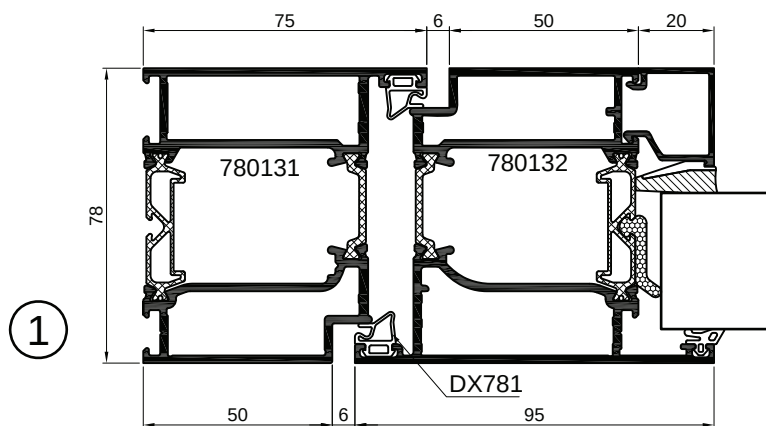
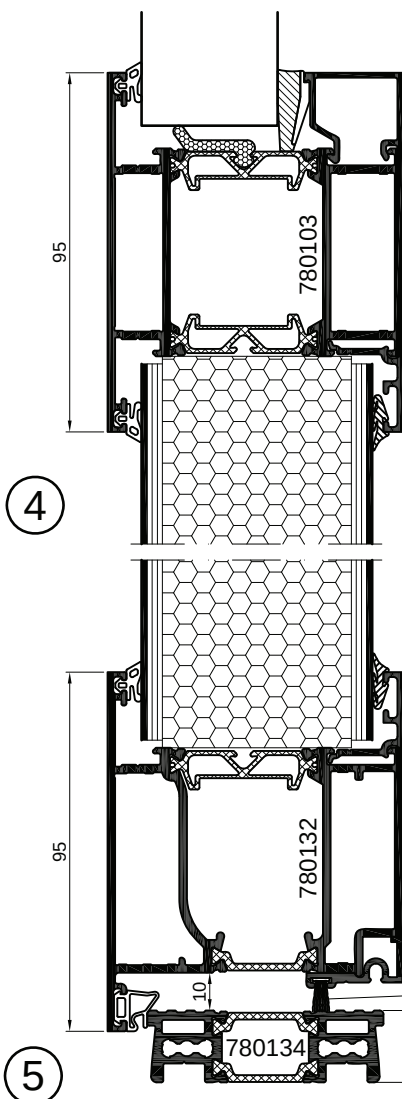
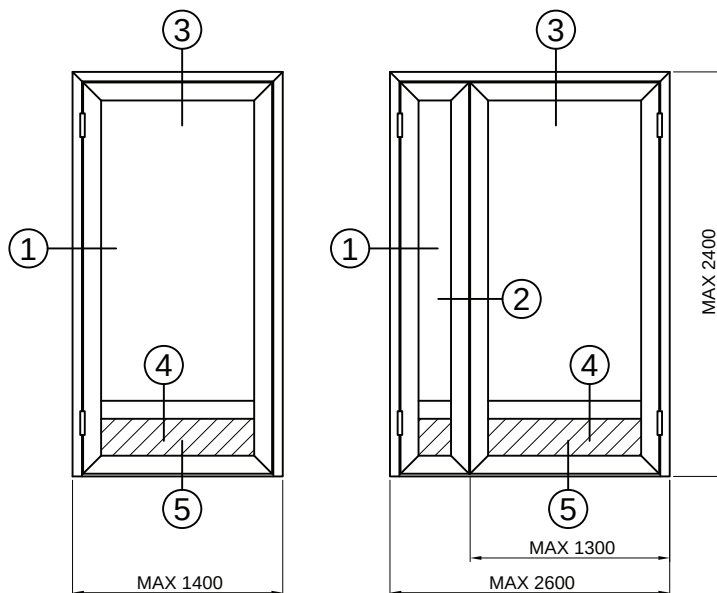
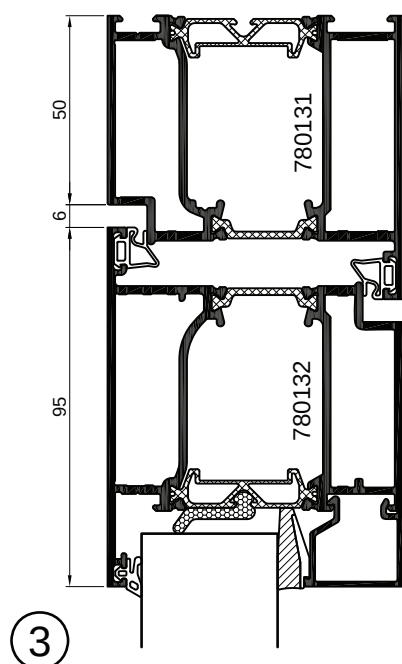


PIKASALVANHELA
Karmi ja kynnyks

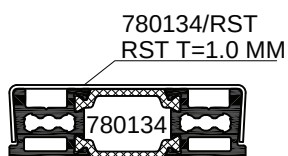
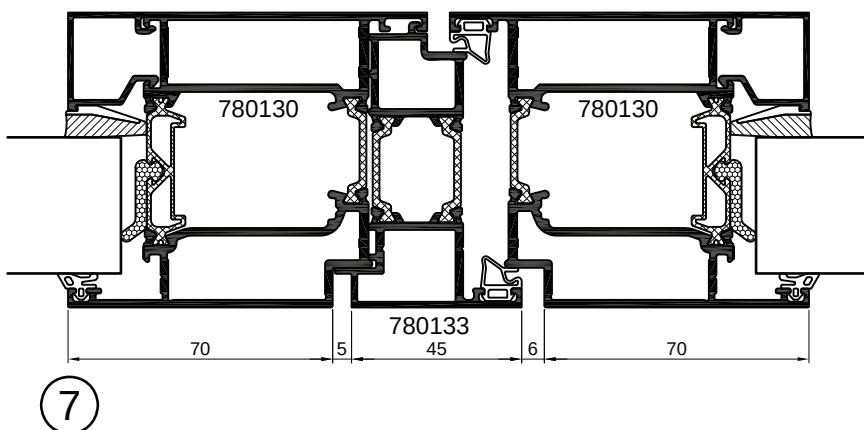
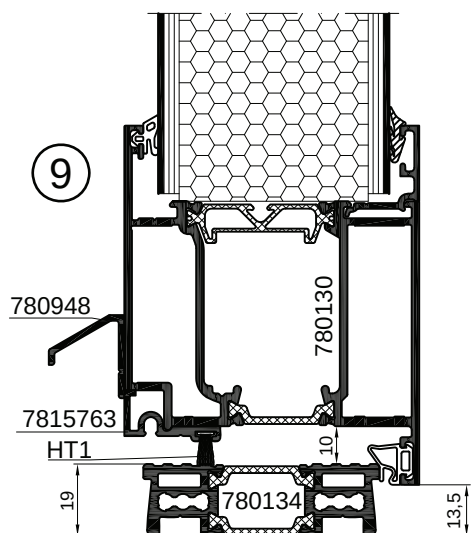
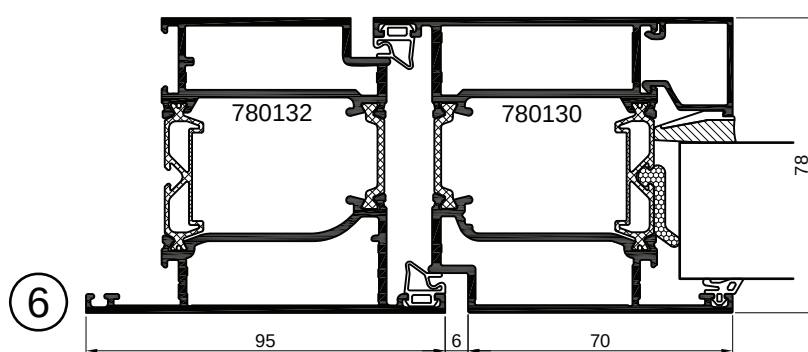
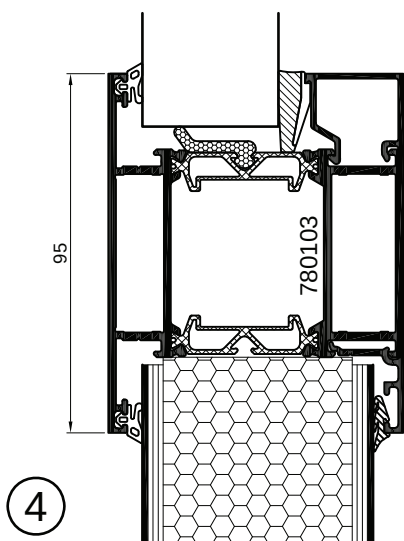
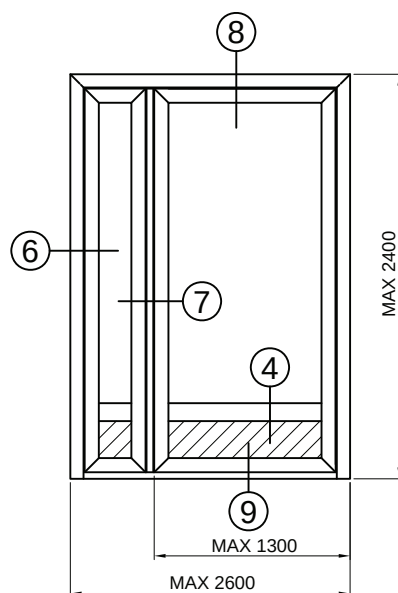
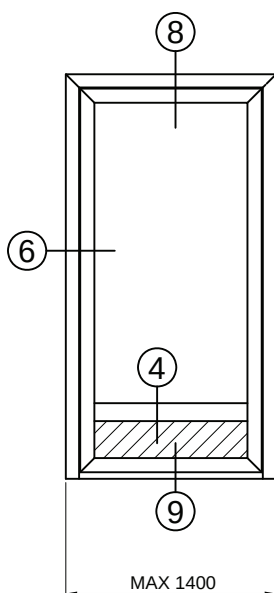
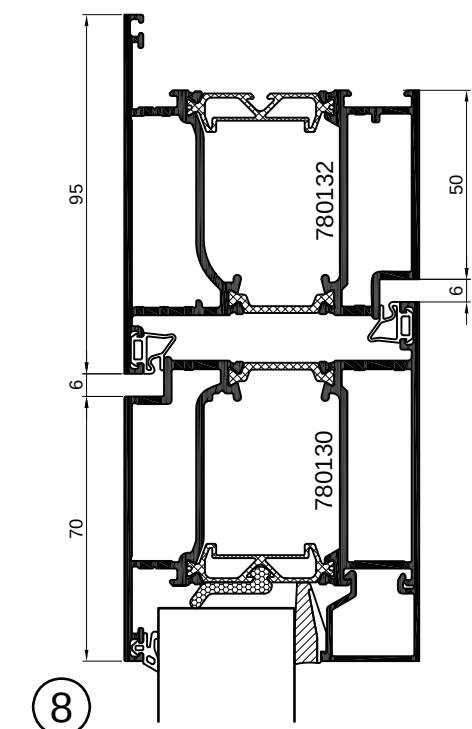
73/30



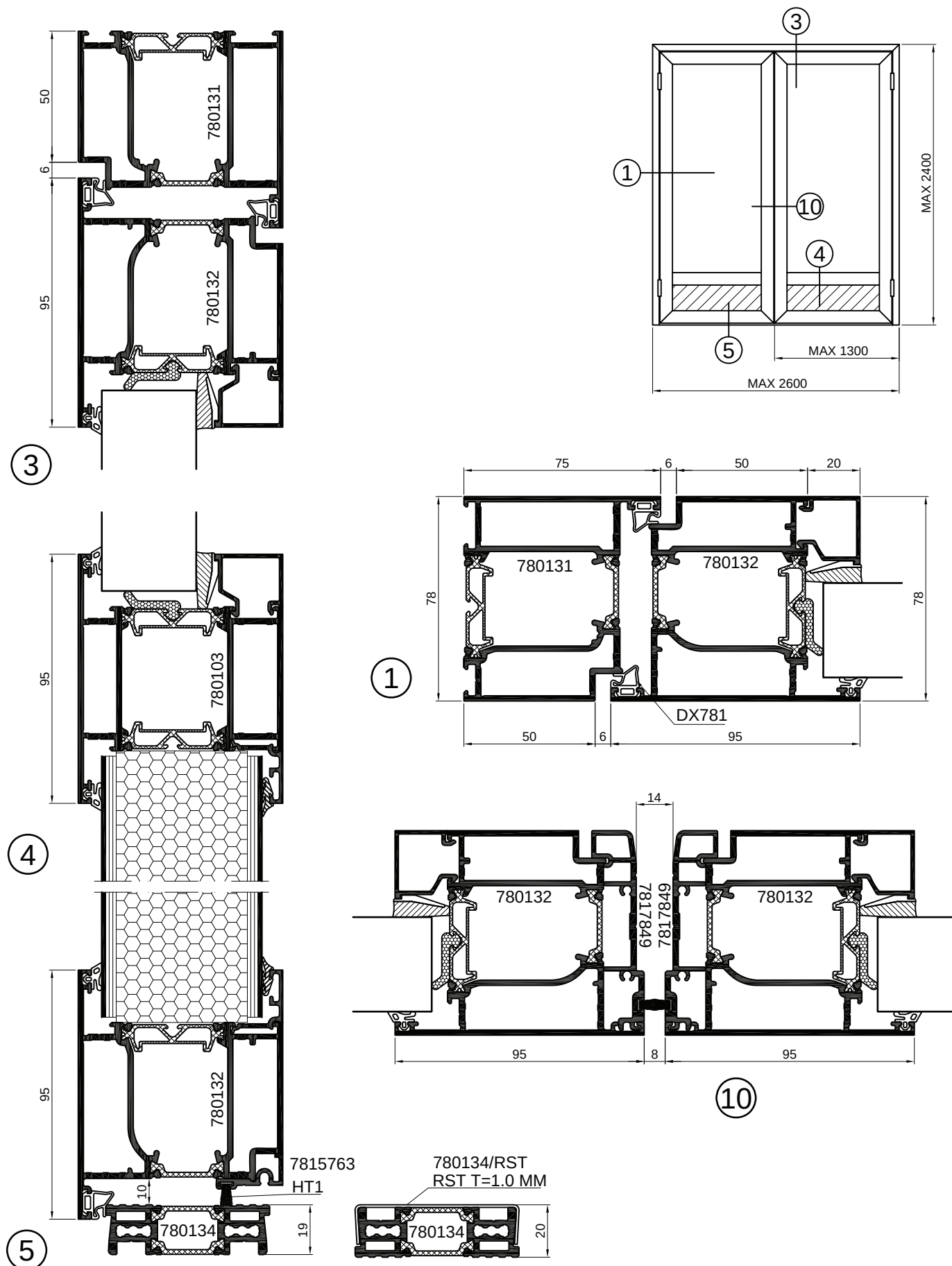
LK78 ULOSAUKEAVA OVI
LK78 OUTWARD OPENING DOOR



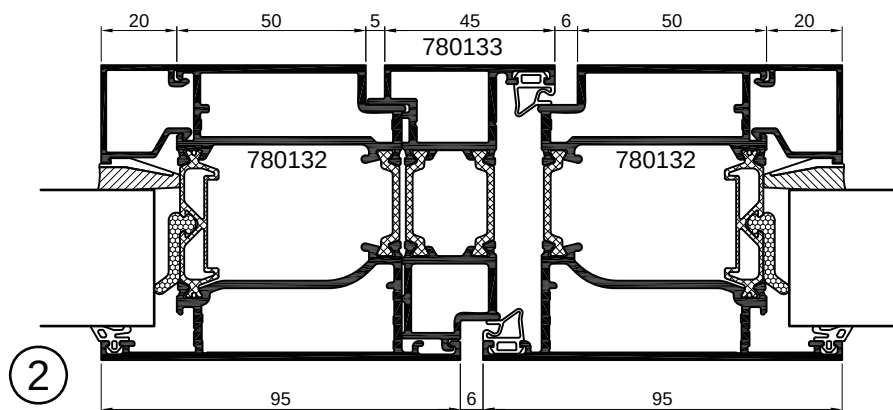
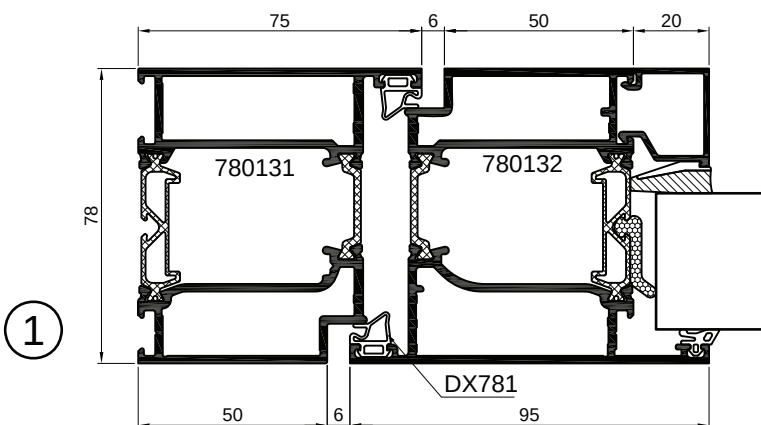
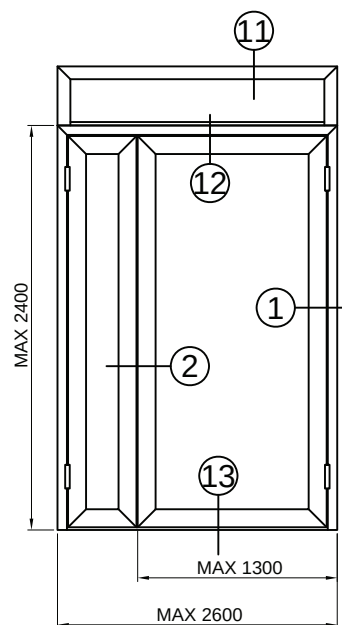
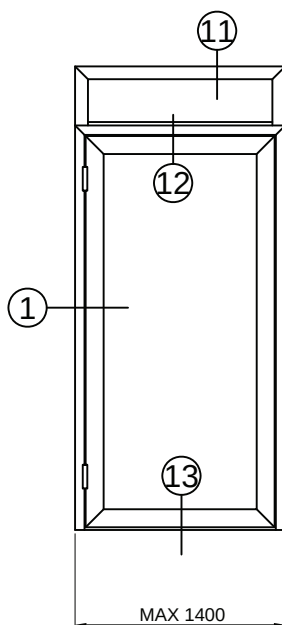
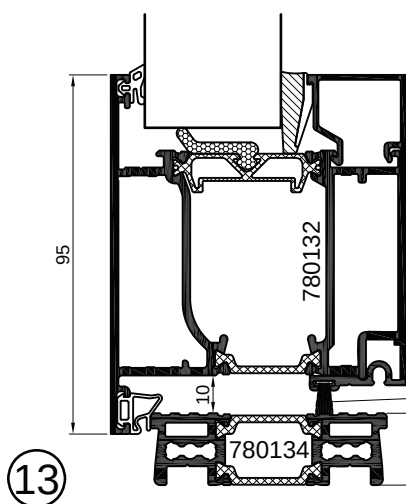
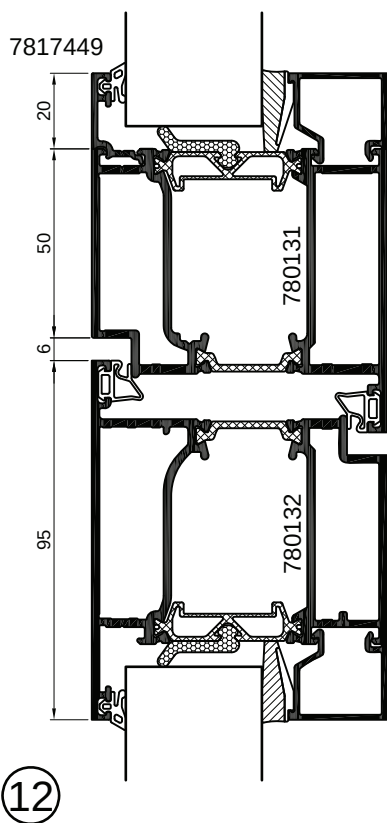
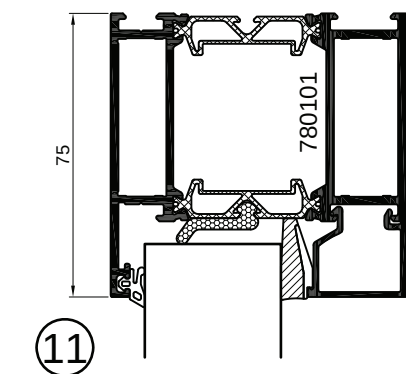
LK78 SISÄÄNAUKEAVA OVI
LK78 INWARD OPENING DOOR



LK78 PARIOVI
LK78 DOUBLE DOOR



LK78 OVI YLÄPIELELLÄ
LK78 DOOR



7815763
HT1

780134/RST
RST T=1.0 MM

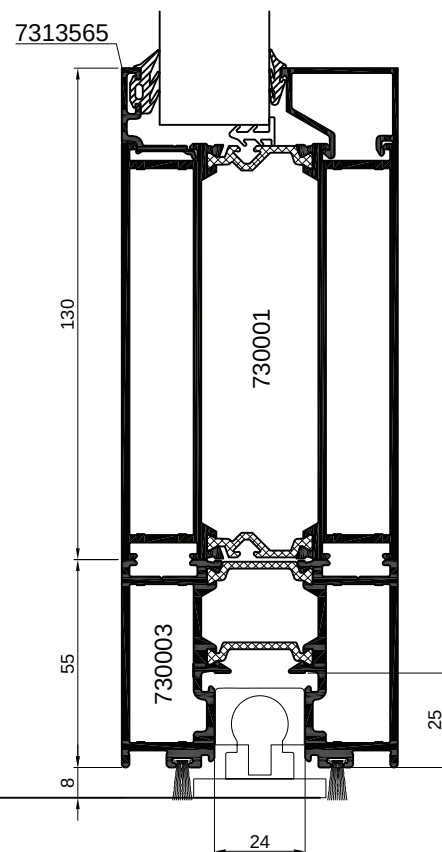
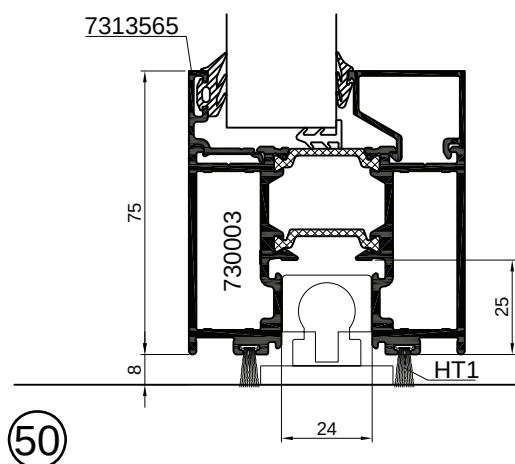
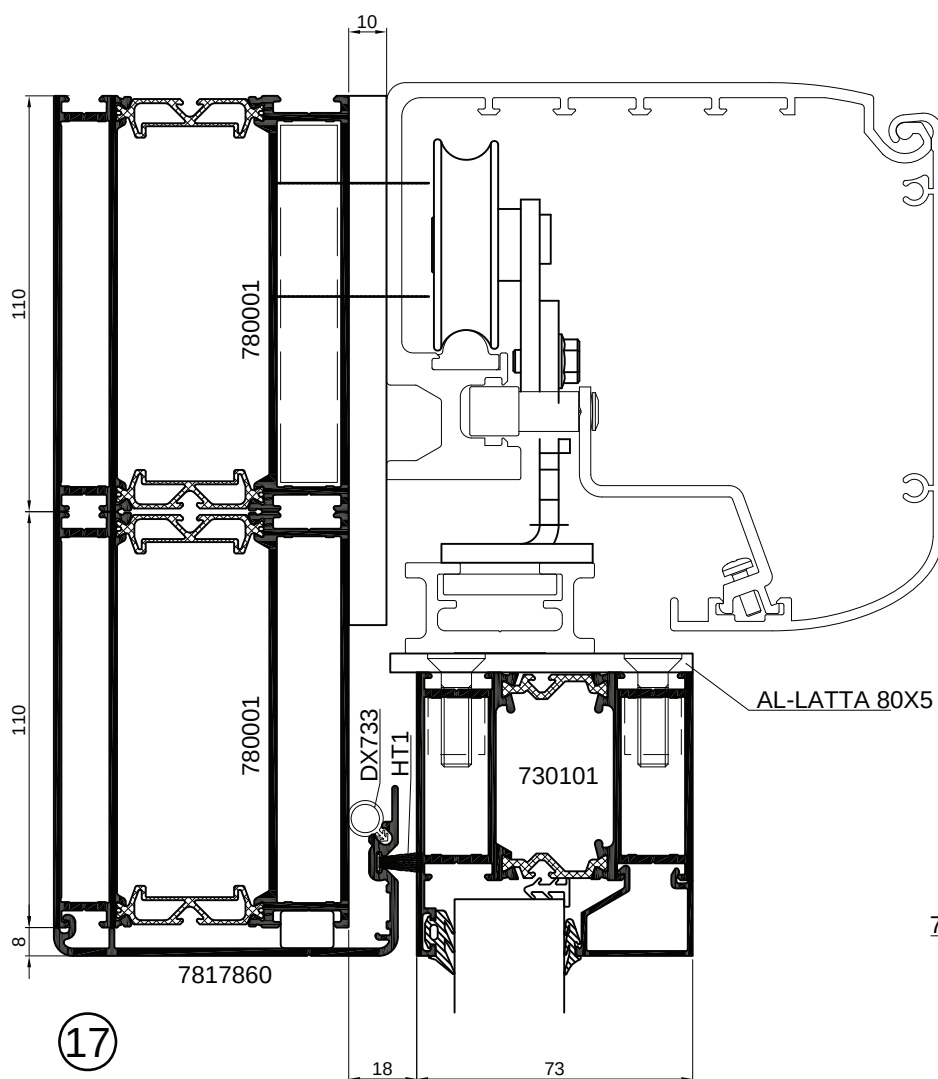


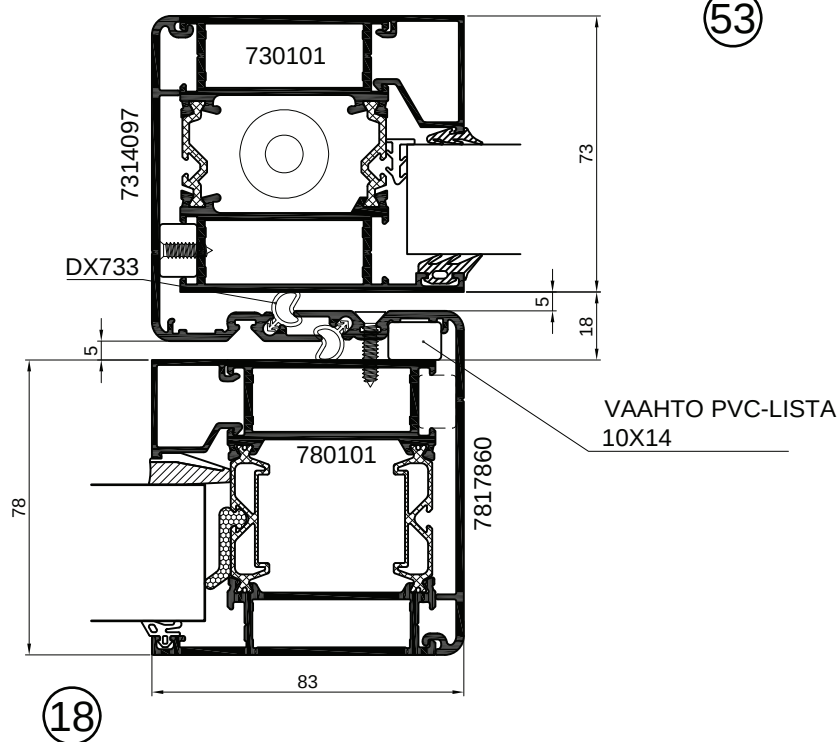
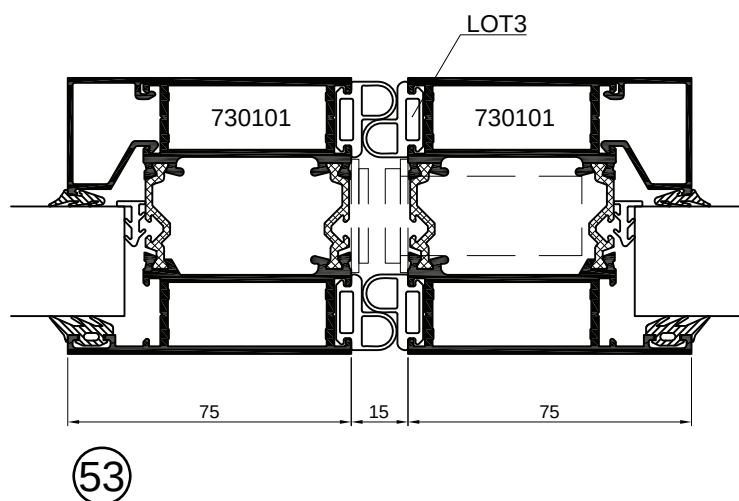
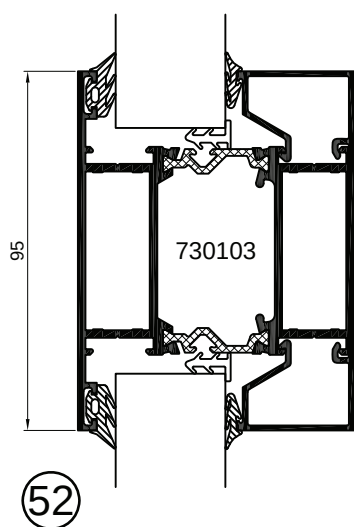
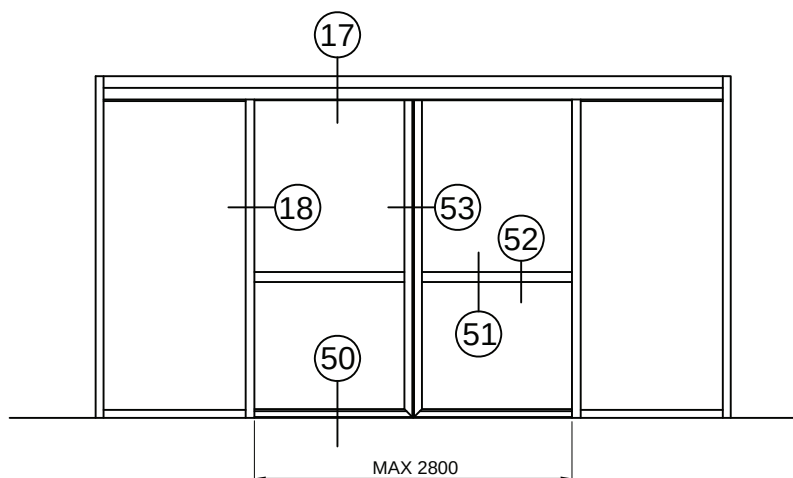
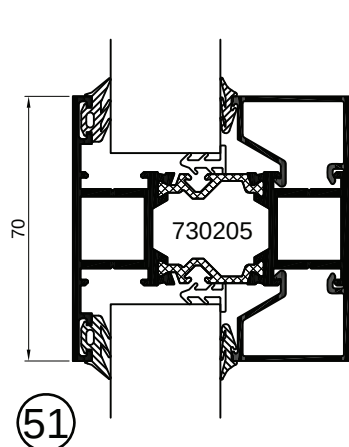
780134/RST
RST T=1.0 MM

780134

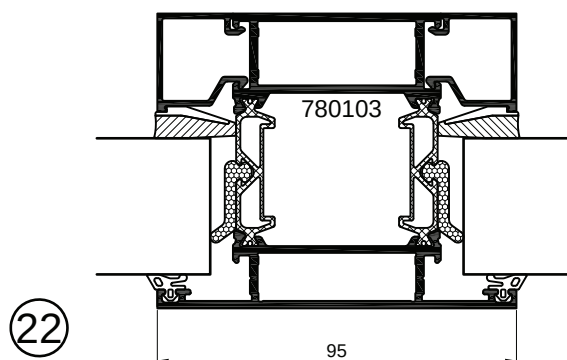
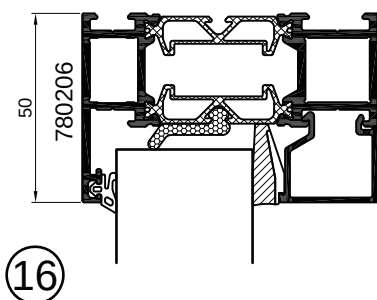
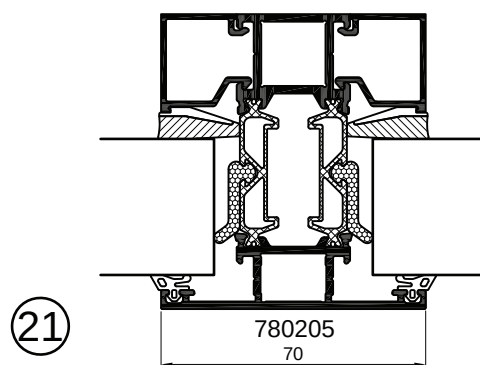
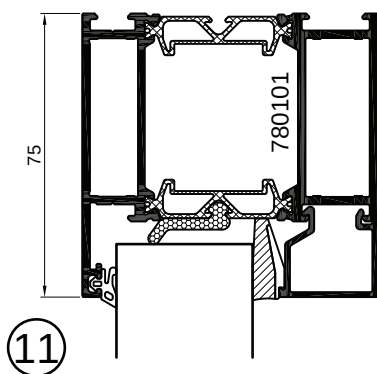
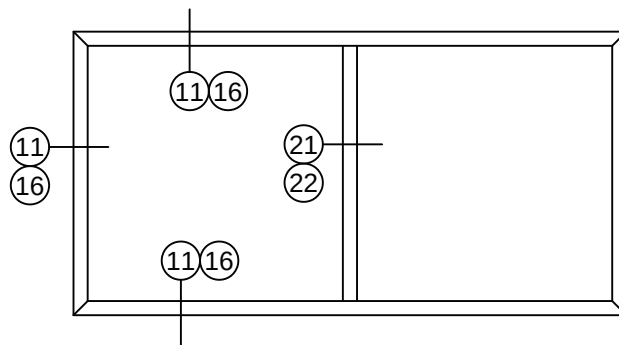
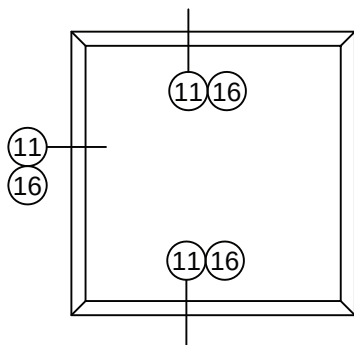
20

LK73 LIUKUOVI BESAM UNISLIDE/2 KONEISTOLLA
LK73 SLIDING DOOR WITH BESAM UNISLIDE/2 OPERATOR

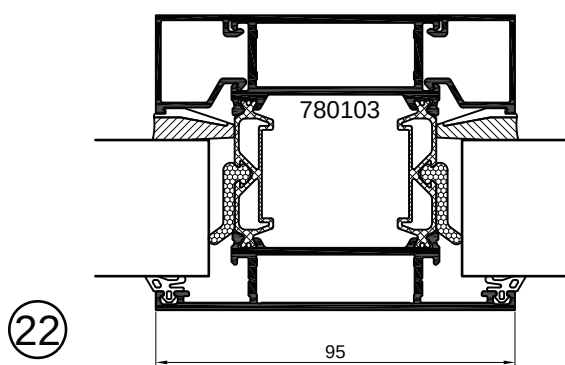
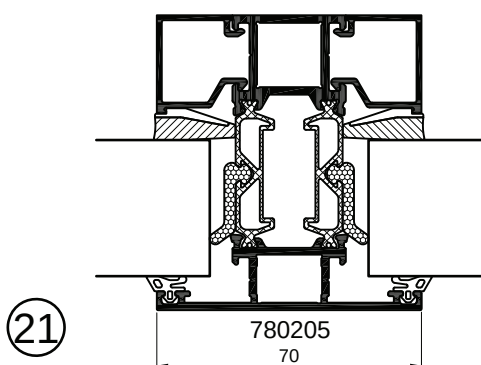
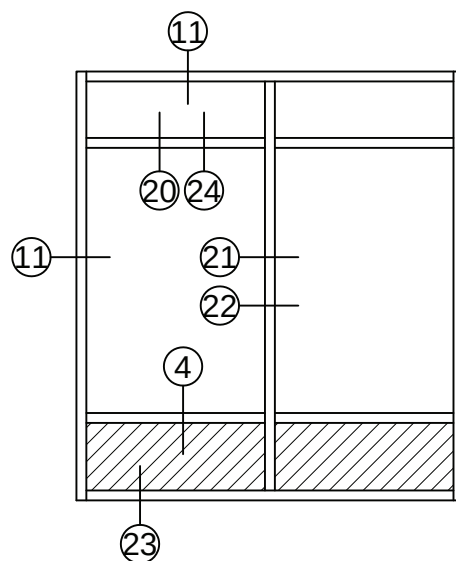
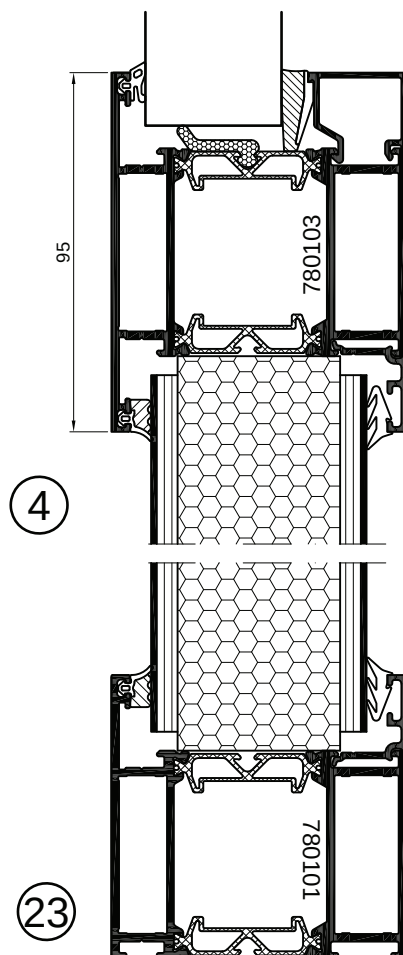
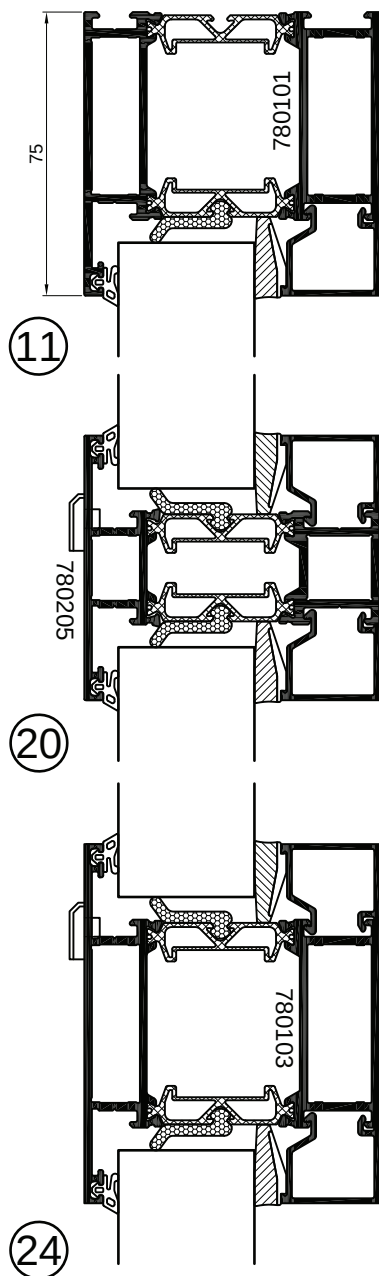




LK78 KIINTEÄ IKKUNA
LK78 FIXED WINDOW

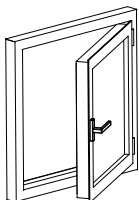


LK78 LASISEINÄ
LK78 GLASS WALL



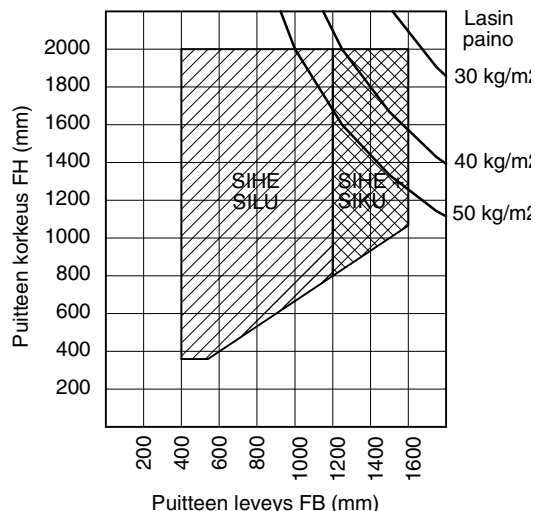
LK78 SISÄÄNAUKEAVAT IKKUNAT LK78 INWARD OPENING WINDOWS

SIVUSARANOITU

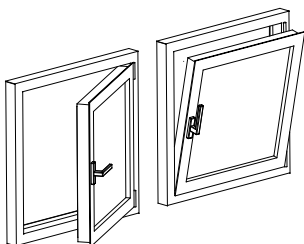


Ikkunan mittasuhte FB/FH < 1.5
Ikkunan enimmäispaino 100 kg

Puitteen				
Leveys FB	Korkeus FH	Helasarja	Painike	Saranat
400 - 1200	360 - 2000	4200SIHE	SIPA	FASA
400 - 1200	350 - 2000	4200SILU	Vakio	FASA
1200 - 1600	800 - 2000	4200SIHE + 4200SIKU	SIPA	FASA



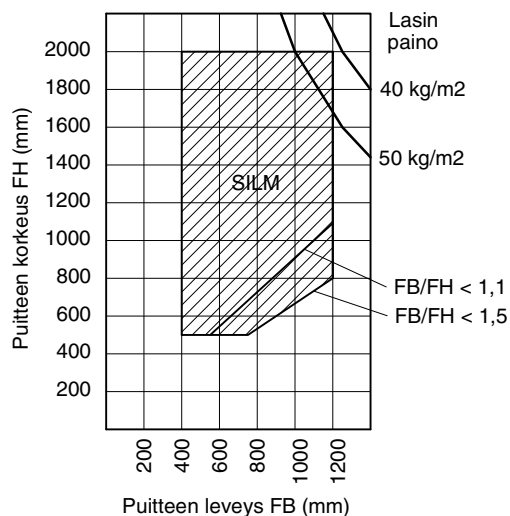
SIVU/ALASARANOITU



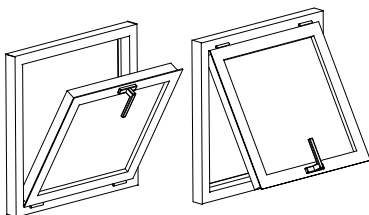
Ikkunan mittasuhte:
FB/FH < 1.5, kun lasi ≤ 30 kg/m²
FB/FH < 1.1, kun lasi 30..50 kg/m²

Ikkunan enimmäispaino 100 kg

Puitteen				
Leveys FB	Korkeus FH	Helasarja	Painike	Saranat
400 - 1200	500 - 2000	4200SILM	SIPA	4200SILM

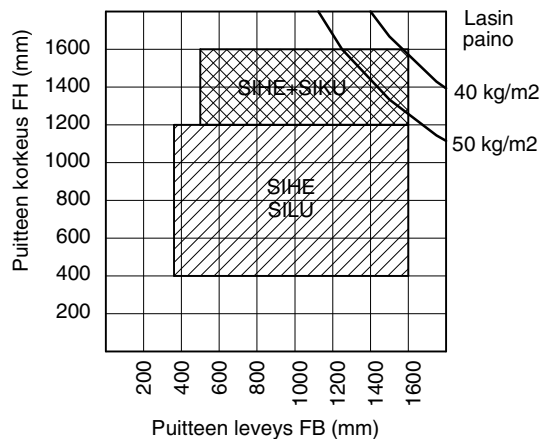


ALA- TAI YLÄSARANOITU



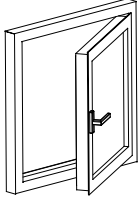
Ikkunan enimmäispaino 100 kg

Puitteen				
Leveys FB	Korkeus FH	Helasarja	Painike	Saranat
360 - 1600	400 - 1200	4200SIHE	SIPA	FASA
350 - 1600	400 - 1200	4200SILU	Vakio	FASA
500 - 1600	1200 - 1600	4200SIHE + 4200SIKU	SIPA	FASA



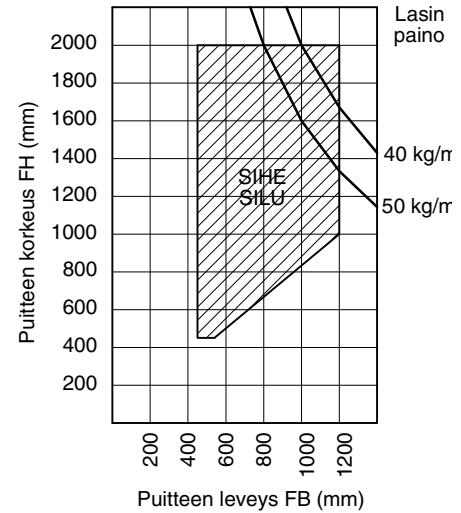
LK78 SISÄÄNAUKEAVAT IKKUNAT LK78 INWARD OPENING WINDOWS

SIVUSARANOITU, PILOSARANAT

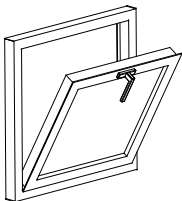


Ikkunan mittasuhte FB/FH < 1.2
Ikkunan enimmäispaino 80 kg

Puitteen				
Leveys FB	Korkeus FH	Helasarja	Painike	Saranat
450 - 1200	360 - 2000	4200SIHE	SIPA	HAU_OV
450 - 1200	350 - 2000	4200SILU	Vakio	HAU_OV

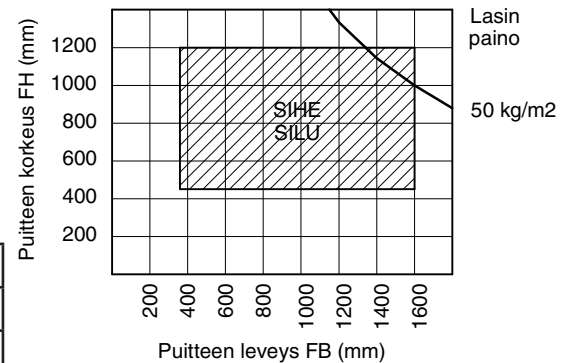


ALASARANOITU, PILOSARANAT

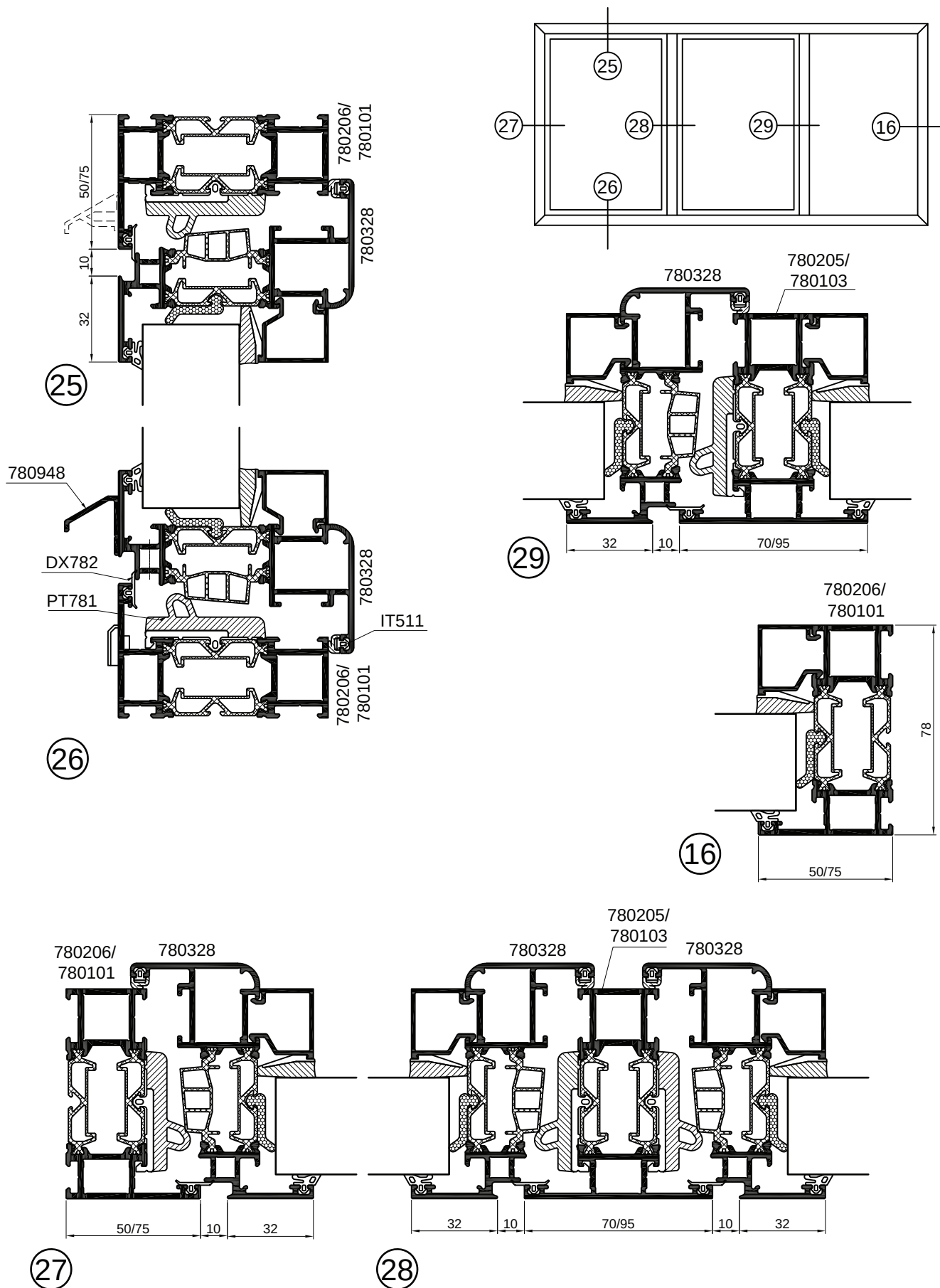


Ikkunan enimmäispaino 80 kg

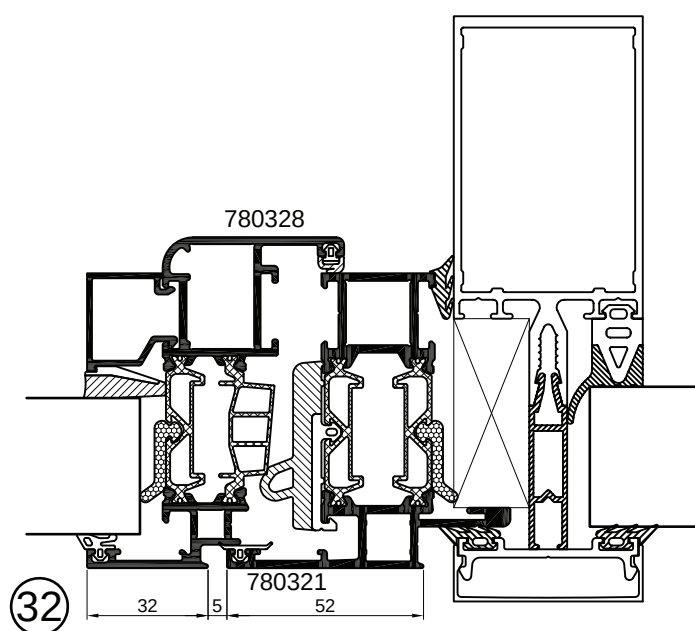
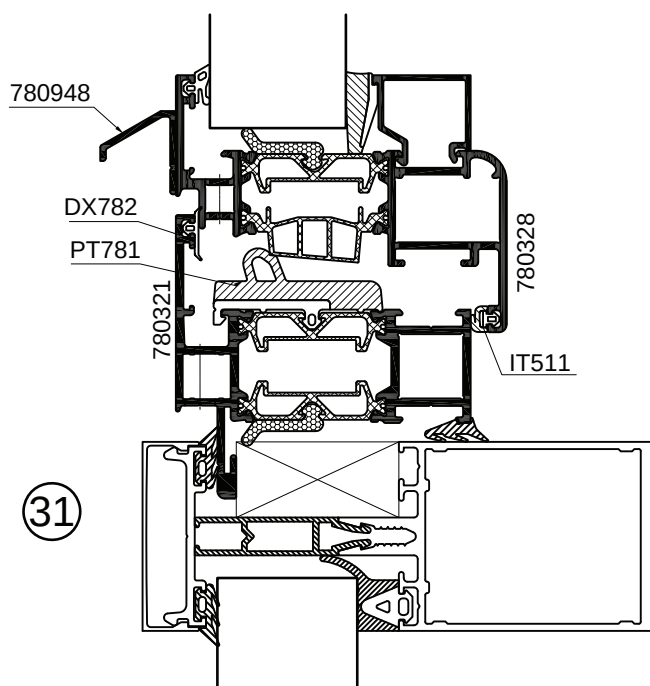
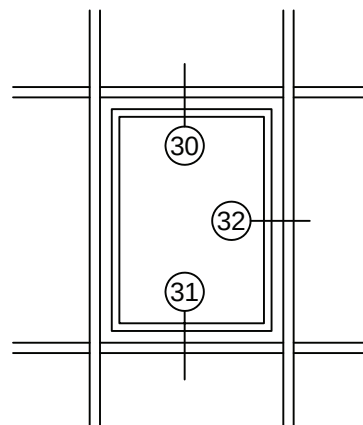
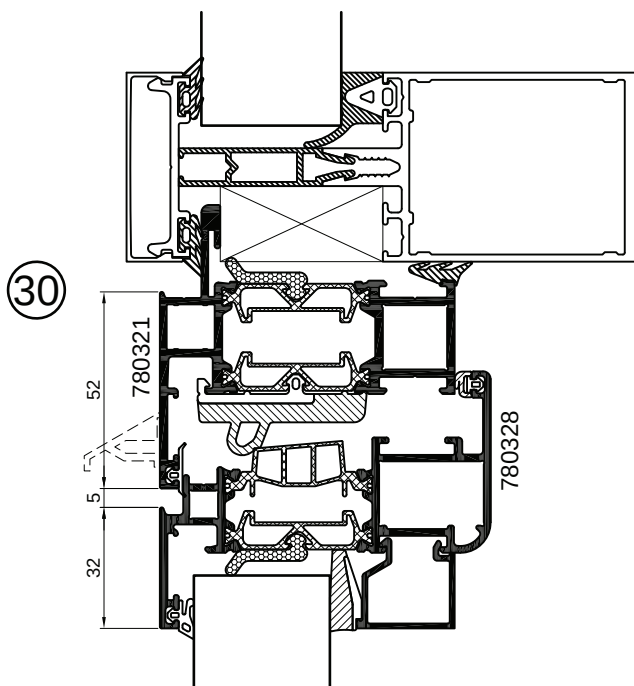
Puitteen				
Leveys FB	Korkeus FH	Helasarja	Painike	Saranat
360 - 1600	450 - 1200	4200SIHE	SIPA	HAU_ylä-ala
350 - 1600	450 - 1200	4200SILU	Vakio	HAU_ylä-ala



LK78 SISÄÄNAUKEAVA IKKUNA
LK78 INWARD OPENING WINDOW

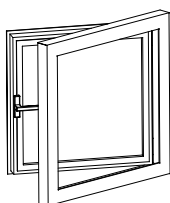


LK78 SISÄÄNAUKEAVA IKKUNA P50L JULKISIVUSSA
LK78 INWARD OPENING WINDOW IN P50L FASADE



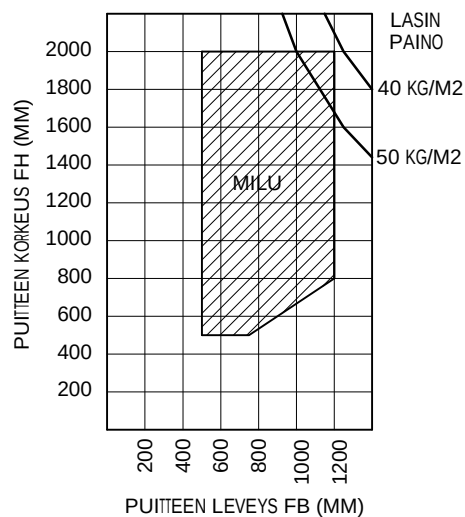
LK78 ULOSAUKEAVAT IKKUNAT LK78 OUTWARD OPENING WINDOWS

SIVUSARANOITU

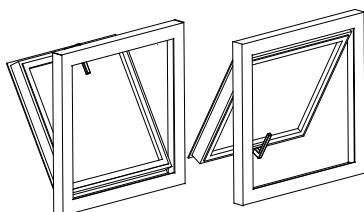


Ikkunan mittasuhte FB/FH < 1.5
Ikkunan enimmäispaino 100 kg

Puitteen				
Leveys FB	Korkeus FH	Helasarja	Painike	Saranat
500 - 1200	500 - 2000	4200MILU	FUPA	FASA

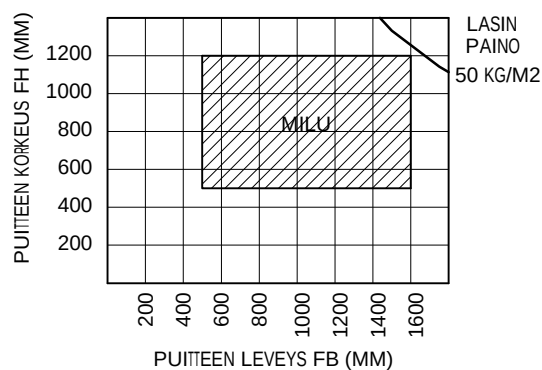


ALA- TAI YLÄSARANOITU



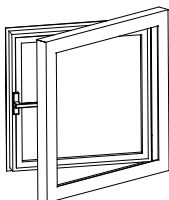
Ikkunan enimmäispaino 100 kg

Puitteen				
Leveys FB	Korkeus FH	Helasarja	Painike	Saranat
500 - 1600	500 - 1200	4200MILU	FUPA	FASA



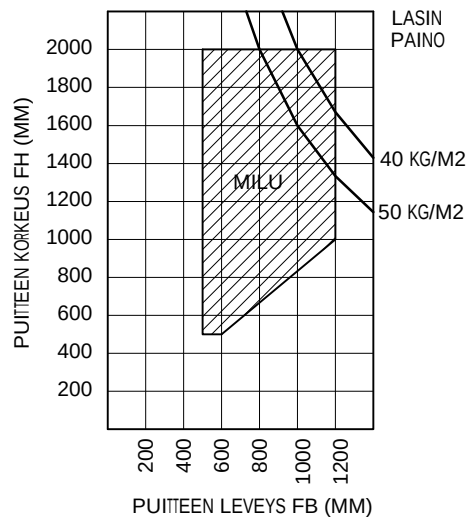
LK78 ULOSAUKEAVAT IKKUNAT LK78 OUTWARD OPENING WINDOWS

SIVUSARANOITU, PILOSARANAT

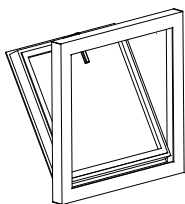


Ikkunan mittasuhte FB/FH < 1.2
Ikkunan enimmäispaino 80 kg

Puitteen				
Leveys FB	Korkeus FH	Helasarja	Painike	Saranat
500 - 1200	500 - 2000	4200MILU	FUPA	HAU_OV

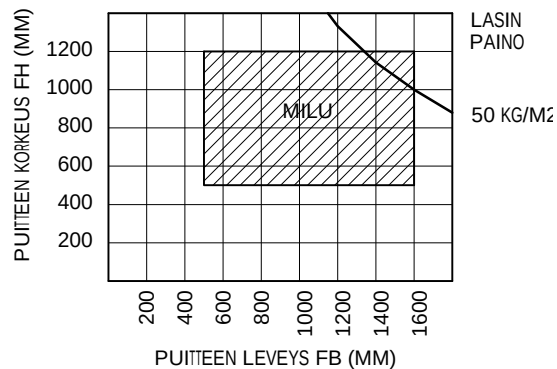


ALASARANOITU, PILOSARANAT

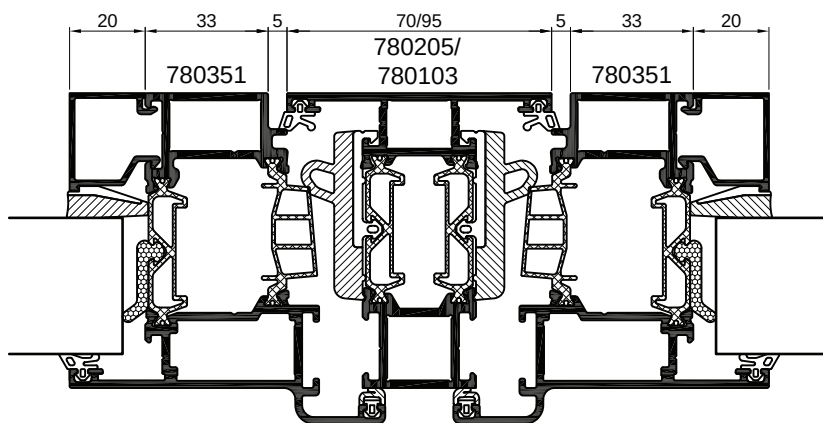
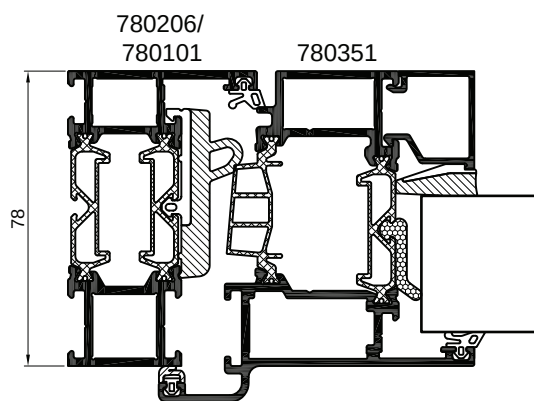
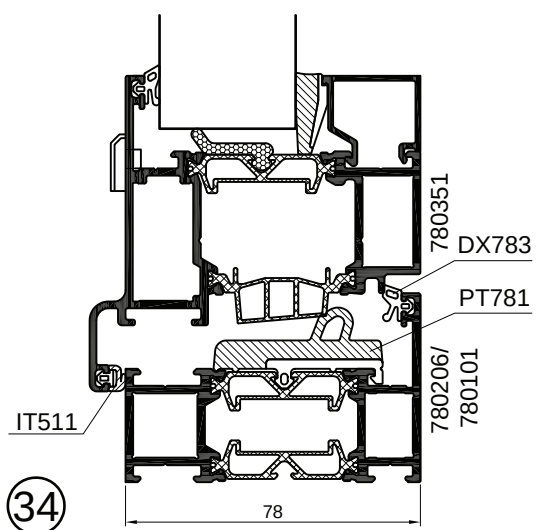
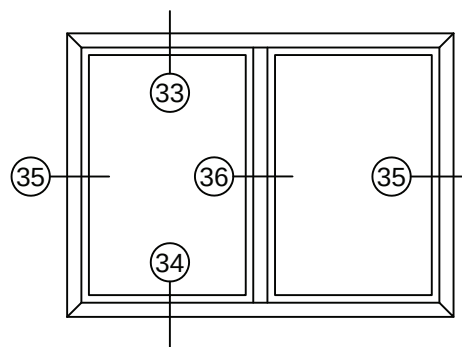
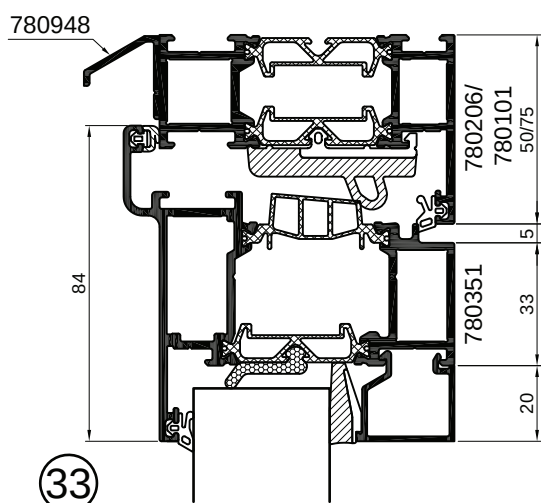


Ikkunan enimmäispaino 80 kg

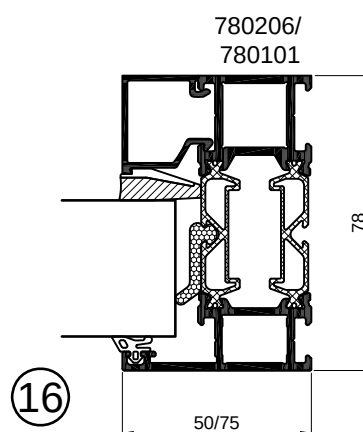
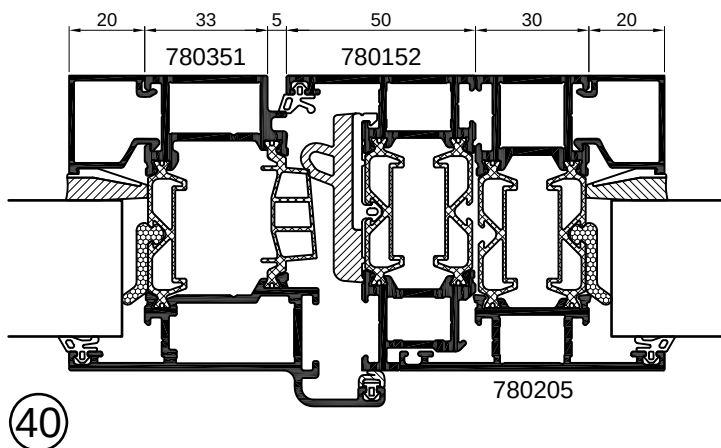
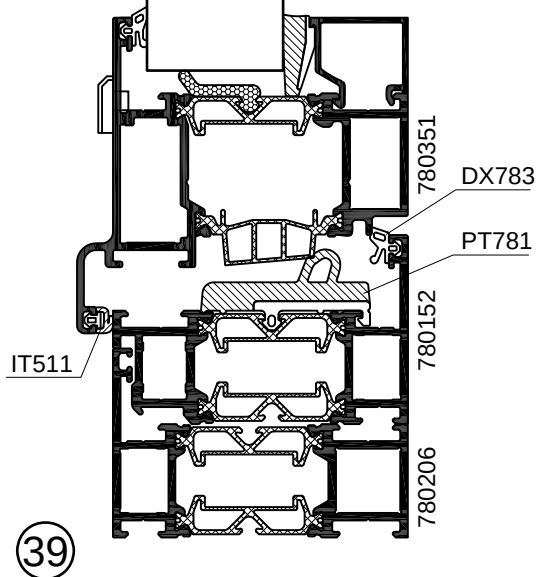
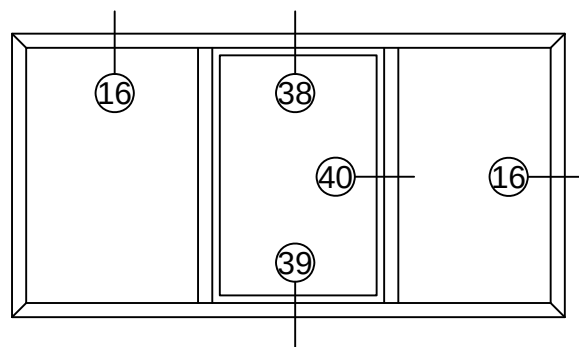
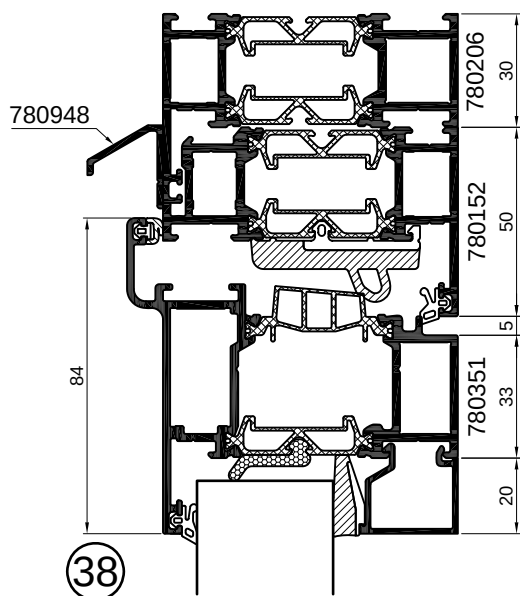
Puitteen				
Leveys FB	Korkeus FH	Helasarja	Painike	Saranat
500 - 1600	500 - 1200	4200MILU	FUPA	HAU_ylä-ala



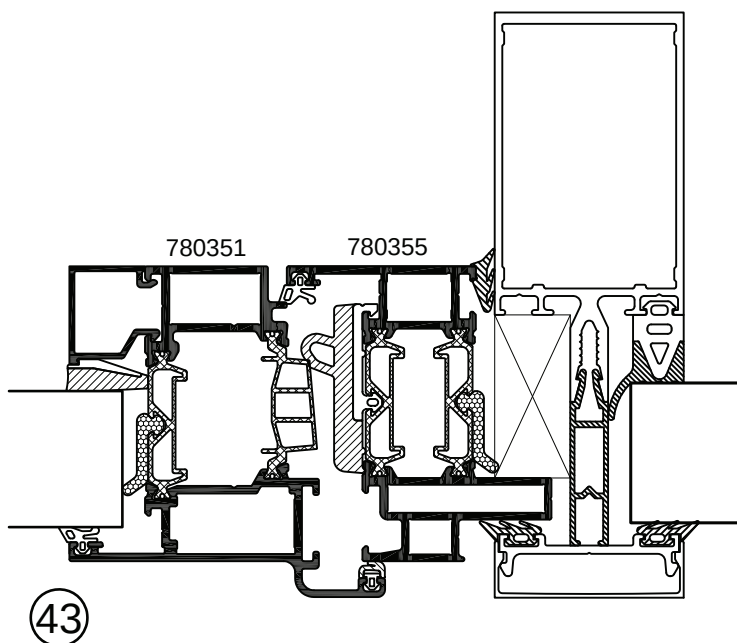
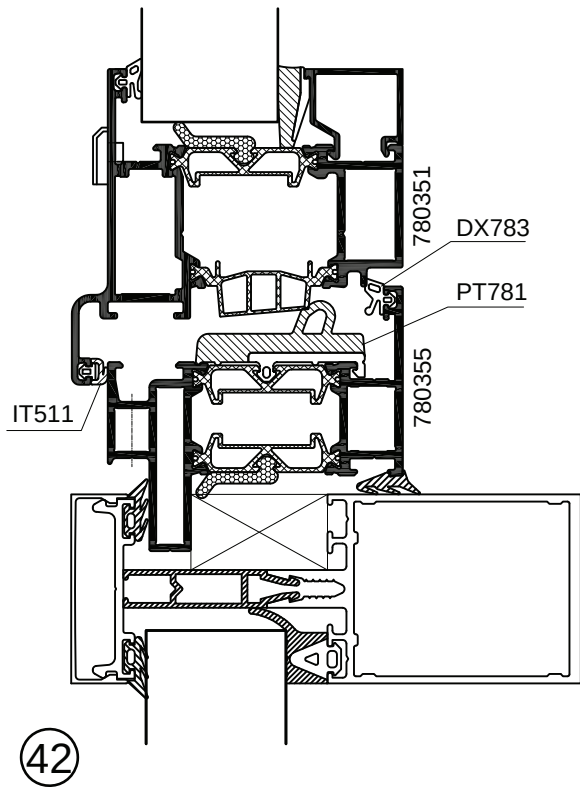
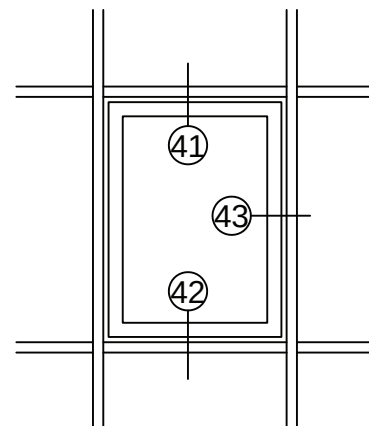
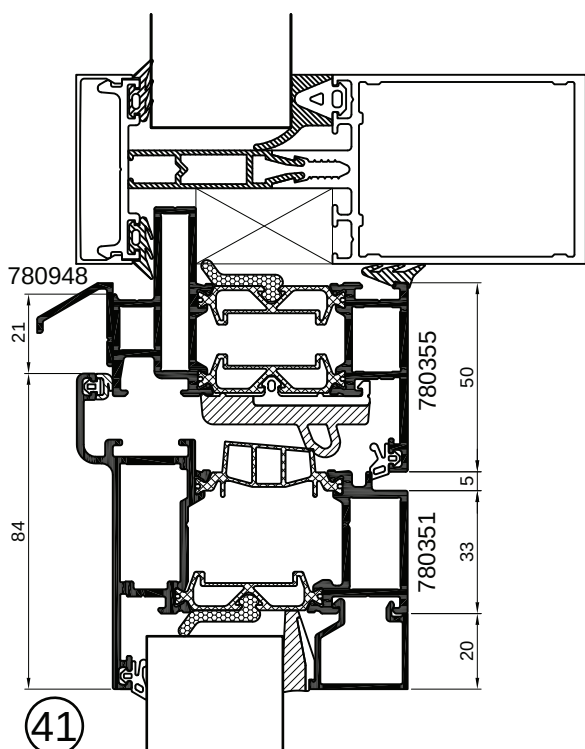
LK78 ULOSAUKEAVA IKKUNA
LK78 OUTWARD OPENING WINDOW



LK78 ULOSAUKEAVA IKKUNA IKKUNANAUHASSA
LK78 OUTWARD OPENING WINDOW IN WINDOW STRIP

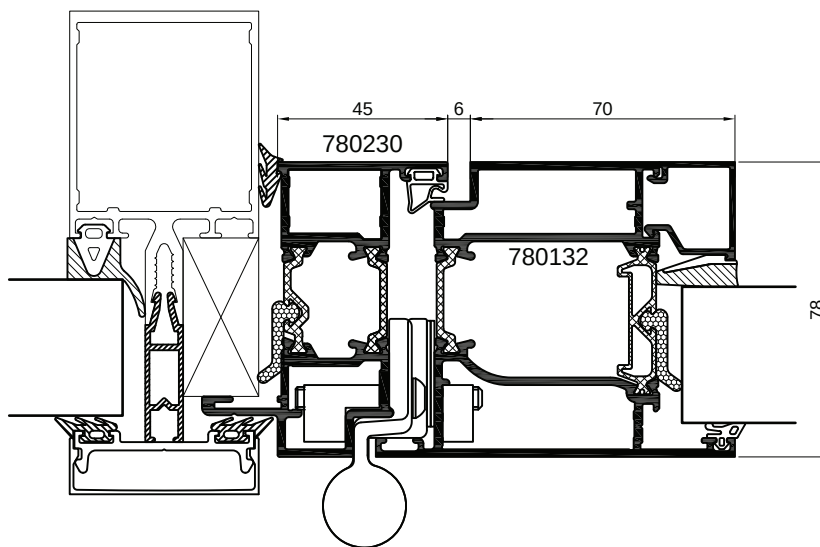


LK78 ULOS AUKEAVA IKKUNA P50L JULKISIVUSSA
LK78 OUTWARD OPENING WINDOW IN P50L FASADE

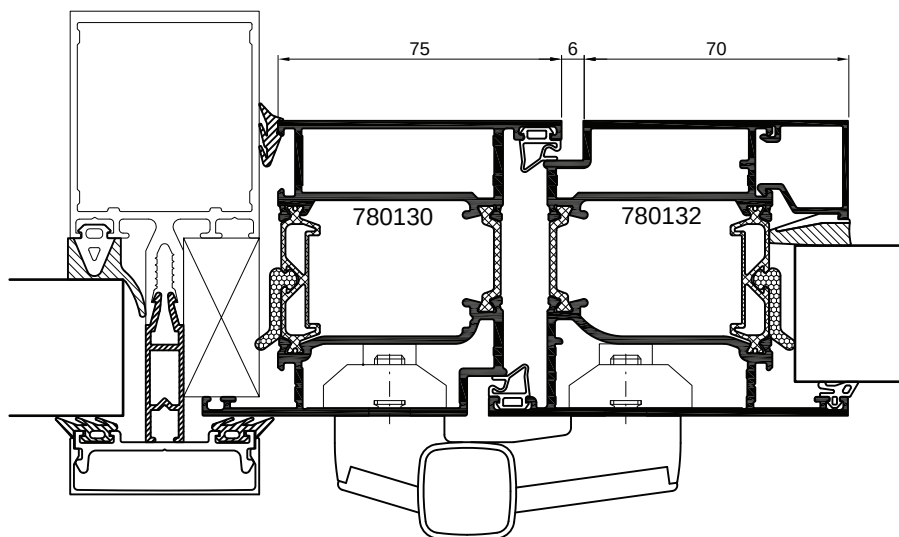


LK78 OVEN LIITTYMINEN P50L-SARJAAN
JOINING LK73 DOOR TO P50L-SERIE

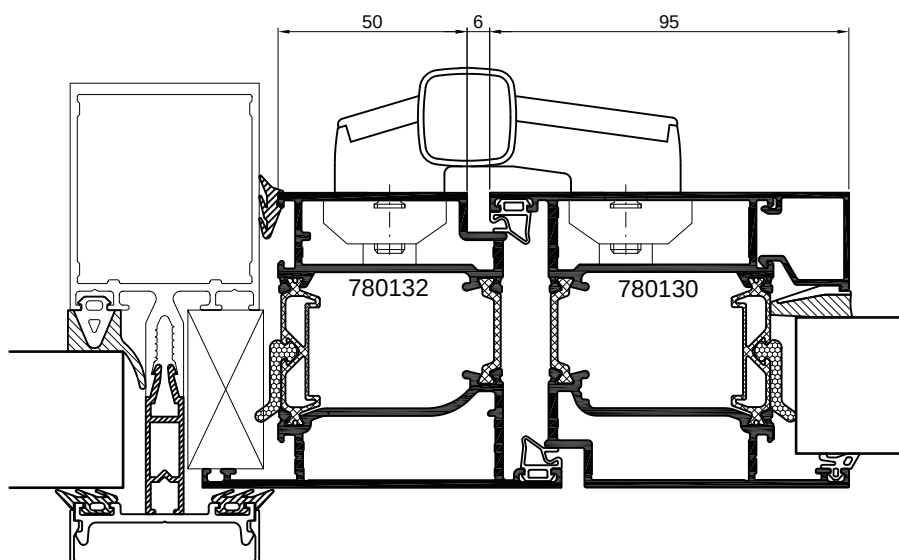
ULOSPÄIN AUKENEVA OVI
OUTWARD OPENING DOOR



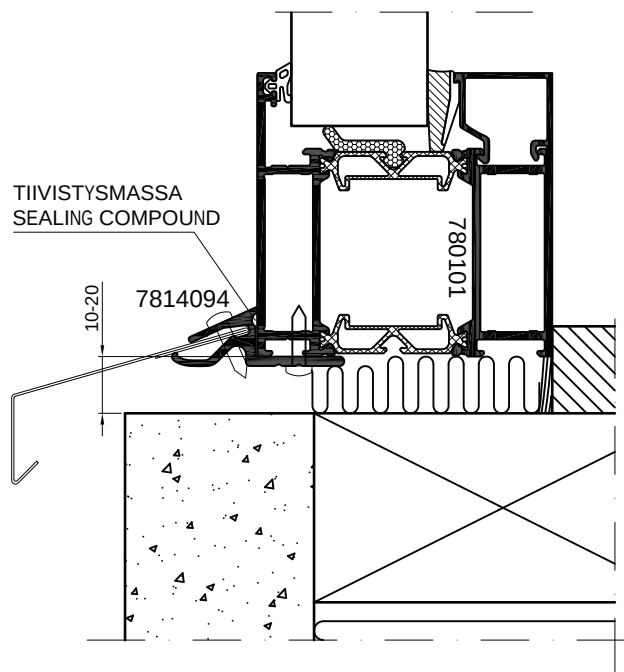
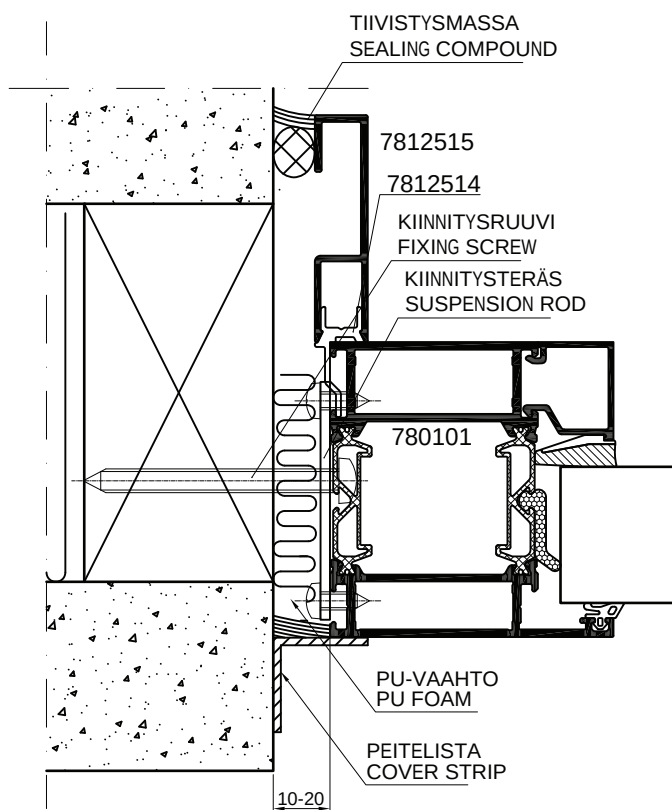
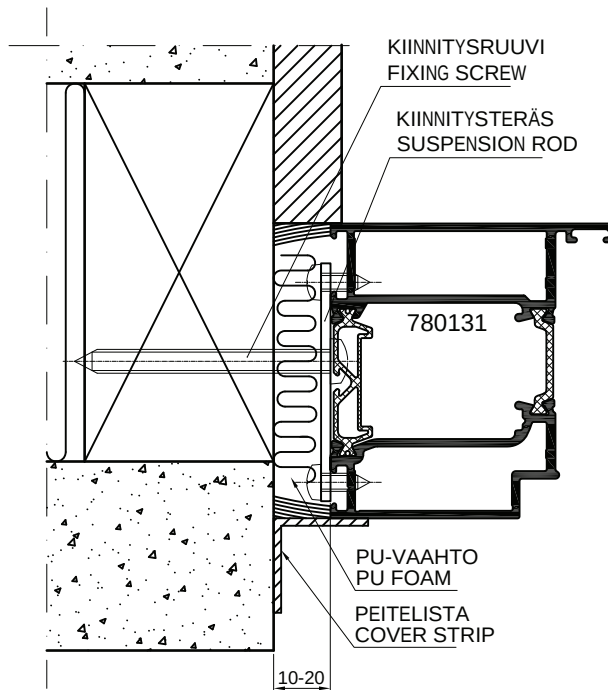
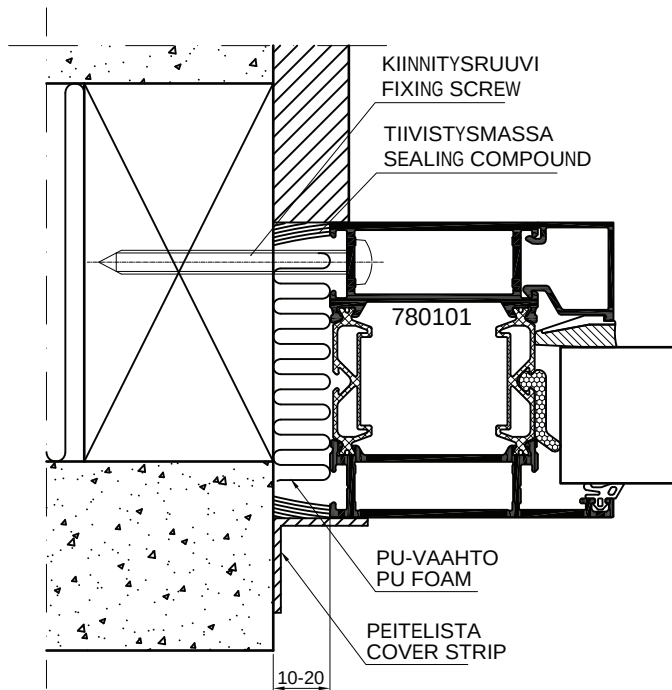
ULOSPÄIN AUKENEVA OVI
OUTWARD OPENING DOOR



SISÄÄNPÄIN AUKENEVA OVI
INWARD OPENING DOOR



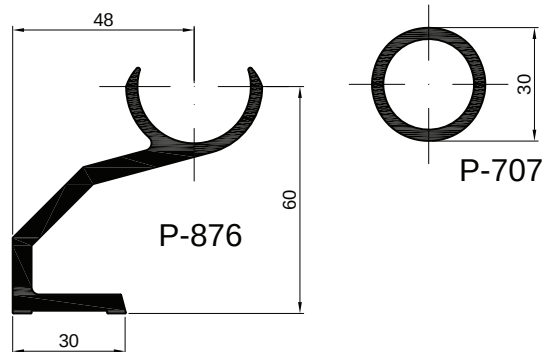
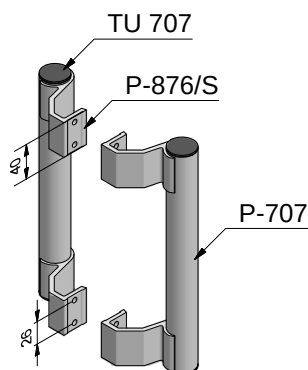
LIITTYMINEN RAKENNUSRUNKOON, ESIMERKKEJÄ MOUNTING TO BUILDING FRAME, EXAMPLES



VEDIN / TYÖNNIN YHDISTELMÄT PULL / PUSH HANDLES

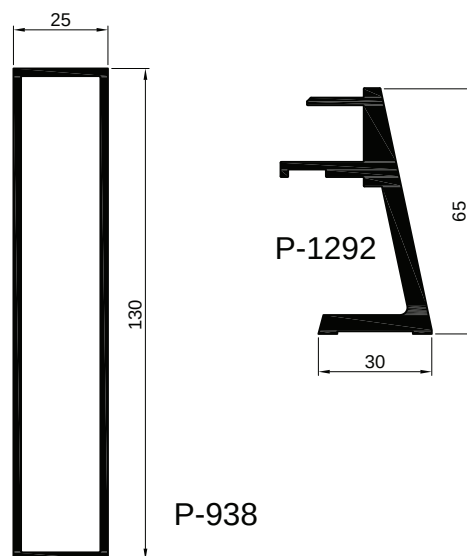
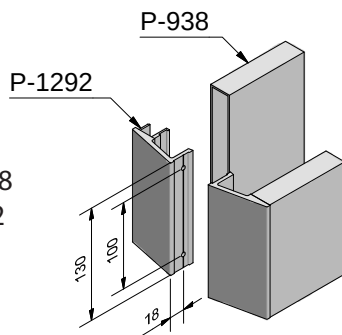
P-876/707

- vedinputki P-707
- vetimen korva P-876/S
- päätytulppa TU 707
- push handle tube P-707
- push handle lug P-876/S
- end plug TU 707



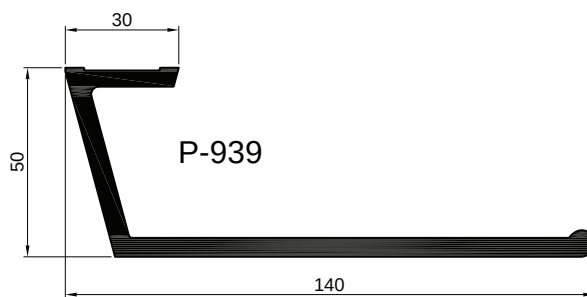
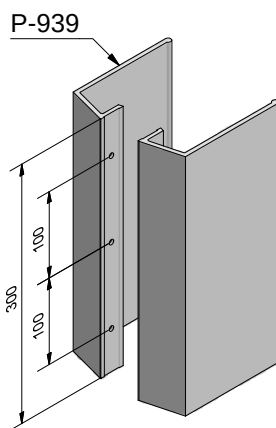
P-1292/938

- vedinpalkki P-938
- vetimen pääty P-1292
- pull handle beam P-938
- pull handle end P-1292



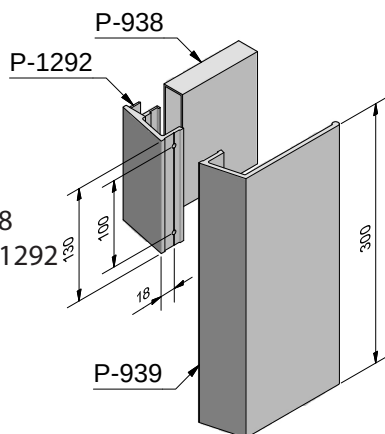
P-939/939

- listavedin P-939/300
- strip handle P-939/300

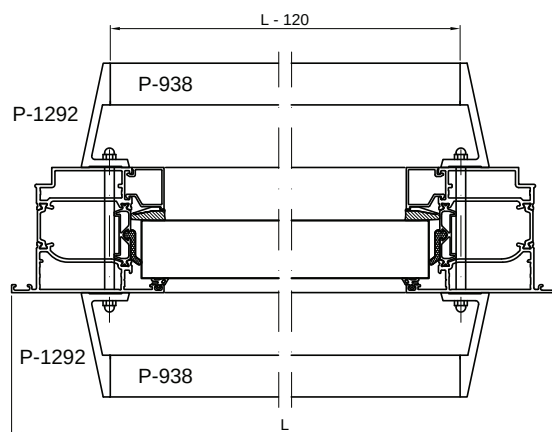


P-1292/938/939

- vedinpalkki P-938 ja vetimen pääty P-1292
- listavedin P-939/300
- pull handle beam P-938 and pull handle end P-1292
- strip handle P-939/300



KIINNITYSESIMERKKI MOUNTING EXAMPLE



LASITUSOHJE

Ennen lasittamista varmistetaan, että lasikyntteet, lasilistat ja lasit ovat puhtaat ja kuivat.

Tiivisteiden katkaisussa on huomioitava kutistumisvara, joka on on n. 5 mm metriä kohden. Tiivisteiden nurkka- ja jatkoskohdat liimataan ja tiivistetään massalla. Toimittamiemme tiivisteiden materiaali on EPDM-kumia. Kyseiset tiivisteet kestävät erittäin hyvin lämpötilojen vaihtelua, lämpöä ja vanhenemista.

Tiivisteiden asennus suoritetaan seuraavasti:

Ulkopuolen lasitustiiviste sovitetaan profili uraan.

Lasin ja lasituslistojen asennuksen jälkeen sovitetaan sisäpuolen jälkiasennustiiviste paikoilleen. Jälkiasennustiivisteiden asennusta voidaan helpottaa käyttöön soveltuvalla liukastusaineella.

Kiilaus

Kiilauksen tehtävänä on tukea, keskittää ja kantaa lasi tai umpiolasi puitteessa tai karmissa tarkoitetulla tavalla ja varmistaa ikkunan tai oven pysyminen oikeassa muodossa.

Kiilatyypit:

- kannatuskiilat, jotka siirtävät lasiruudun painon runkoon
- tukikiilat, jotka varmistavat lasiruudun paikallaan pysymisen
- kuljetuskiilat, jotka pitävät lasiruudun oikealla paikalla ikkunaelementissä kuljetuksen aikana.

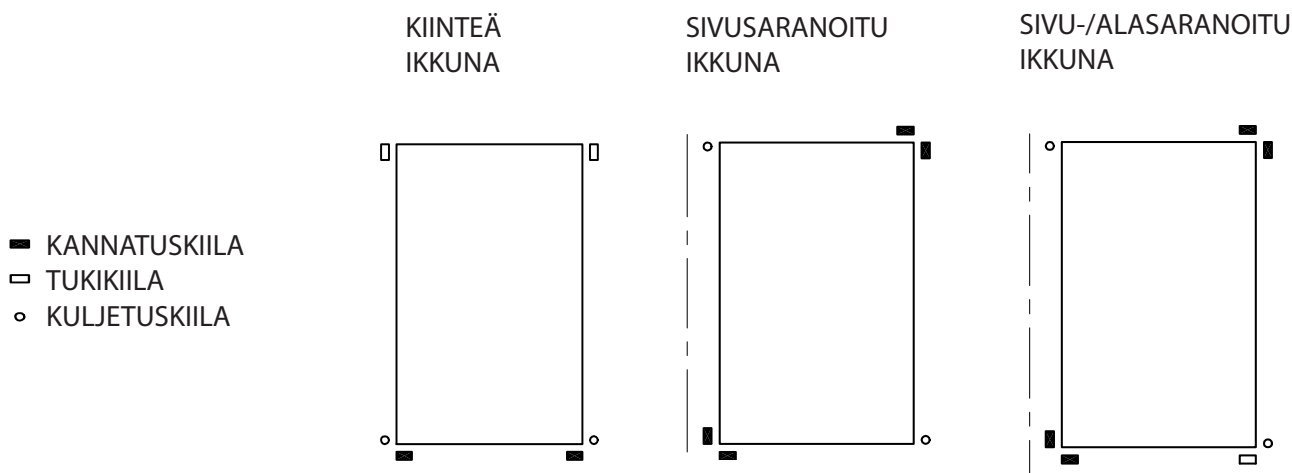
Kannatuskiilat valmistetaan säätä ja lämpötilan vaihteluja kestävästä muovista, jonka kovuus on 70°-90° Shore A tai muusta vastaavasta materiaalista. Kannatuskiilojen pituus on 50-100 mm ja leveys valitaan siten, että kiilat kantavat ja tukevat umpiolasia koko sen paksuudelta. Kannatuskiilojen paksuus on vähintään 5 mm.

Tuki- ja kuljetuskiilat tulee olla paksuudeltaan joustavia ja ne eivät saa haitata kannatuskiilojen toimintaa. Tukikiilat estävät lasiruudun liikkumisen käytössä. Tuki- ja kuljetuskiilojen pituus on vähintään 100 mm ja leveys sama kuin kannatuskiiloilla.

Kiilojen asennus

Kannatus-, tuki- ja kuljetuskiilojen sijainti on esitetty alla olevissa kuvissa. Kiilat sijoitetaan 50-100 mm:n etäisyydelle umpiolasin nurkista. Tehdaslasituksessa kannatuskiilojen paikat merkitään selvästi karmiin.

KIILOJEN SIIJOITUS



GLAZING INSTRUCTIONS

Before commencing glazing, it must be ensured that glass rebates, glazing beads and glass panes are clean and dry.

Glazing with profile sealing strip

An allowance for shrinkage (ca. 5 mm/m) must be made when cutting lengths of profile sealing strips. Joint are to be glued and sealed with sealing compound. The material of the sealing we provide is EPDM rubber. These profile strips are highly resistant to temperature changes, heat and ageing.

Installation of strips is as follows:

Exterior glazing strips are fitted into the profile groove.

When the glass pane and glazing beads have been installed, retrofit strip is fitted.

A silicone spray or equivalent may be used to facilitate the installation of the retrofit strip.

Padding

Padding is intended to support, centre and bear the glass pane or sealed glazing unit in the casement or frame as designed, and to ensure the permanence of the shape of a window or door.

Pad types:

- bearing pads that transmit the weight on the pane to the frame
- lock pads that hold the pane in place
- transport pads that ensure that the glass pane remains on place in the window element during transport.

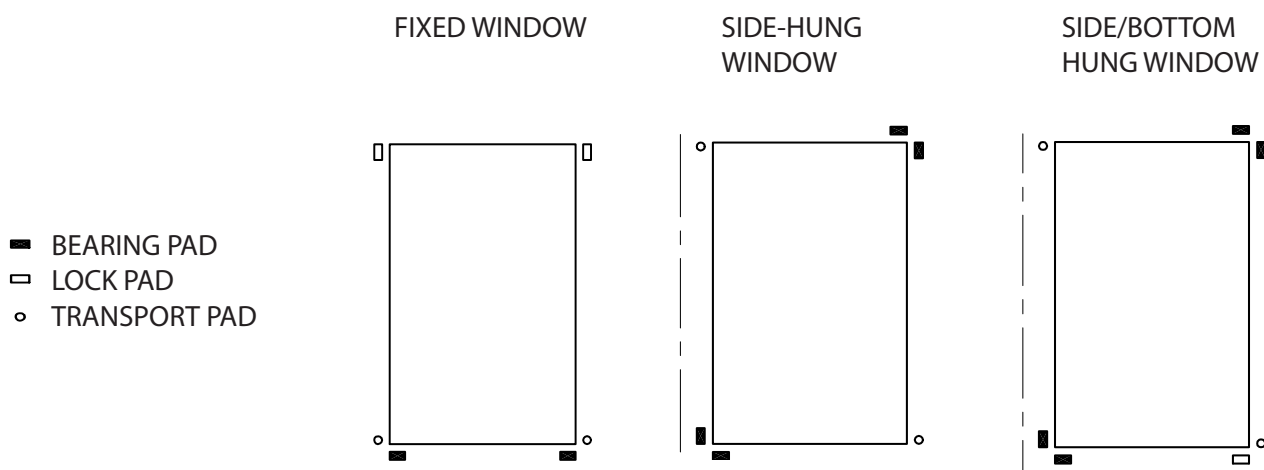
Bearing pads are made of plastic (70° to 90° Shore A hardness) or equivalent which is resistant to weather and changes in temperature. The pads are 50-100 mm length and of an appropriate width to support the sealed glazing unit across its entire thickness. Bearing pads are to be at least 5 mm thick.

Lock and transport pads are to be of appropriate thickness and must not obstruct functioning of bearing pads. The lock pads prevent the glass pane from moving in use. Lock and transport pads are at least 100 mm long and as wide as bearing pads.

Installation of pads

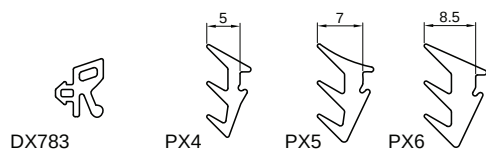
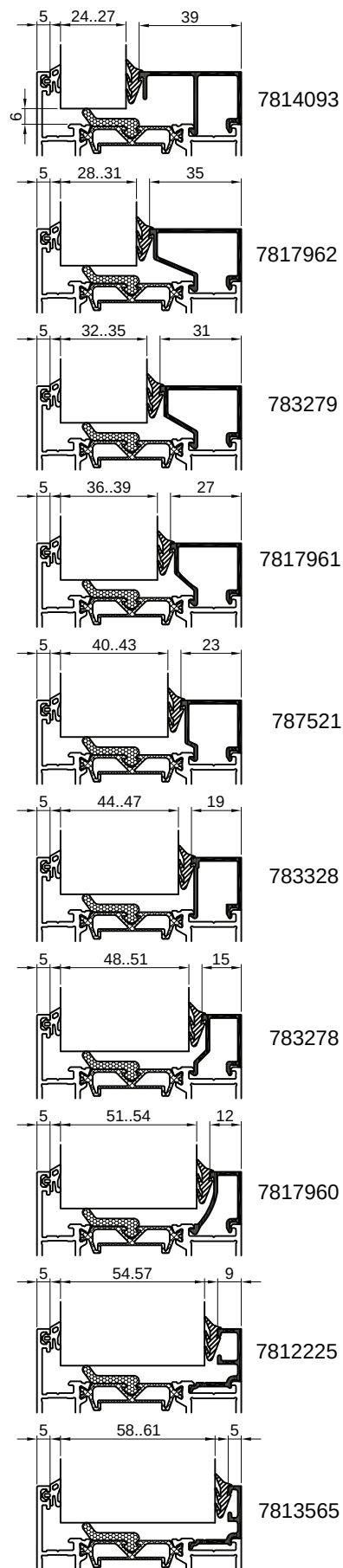
Positioning of bearing, lock and transport pads is shown in illustration. The pads are placed at a distance of 50 to 100 mm from the corners of sealed glazing units. In factory-glazing the positions of bearing pads are marked clearly on the frame.

PAD POSITIONING



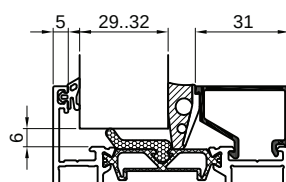
LASITUSLISTOJEN JA TIIVISTEIDEN VALINTA
SELECTING GLAZING BEADS AND SEALINGS

Lasin paksuus	Lasituslista	Ulkopuolen tiiviste	Sisäpuolen tiiviste
24	7814093	DX783	PX6
25	7814093	DX783	PX5
26	7814093	DX783	PX4
27	7814093	DX783	PX4
28	7817962	DX783	PX6
29	7817962	DX783	PX5
30	7817962	DX783	PX4
31	7817962	DX783	PX4
32	783279	DX783	PX6
33	783279	DX783	PX5
34	783279	DX783	PX4
35	783279	DX783	PX4
36	7817961	DX783	PX6
37	7817961	DX783	PX5
38	7817961	DX783	PX4
39	7817961	DX783	PX4
40	787521	DX783	PX6
41	787521	DX783	PX5
42	787521	DX783	PX4
43	787521	DX783	PX4
44	783328	DX783	PX6
45	783328	DX783	PX5
46	783328	DX783	PX4
47	783328	DX783	PX4
48	783278	DX783	PX6
49	783278	DX783	PX5
50	783278	DX783	PX4
51	783278	DX783	PX4
51	7817960	DX783	PX6
52	7817960	DX783	PX5
53	7817960	DX783	PX4
54	7817960	DX783	PX4
54	7812225	DX783	PX6
55	7812225	DX783	PX5
56	7812225	DX783	PX4
57	7812225	DX783	PX4
58	7813565	DX783	PX6
59	7813565	DX783	PX5
60	7813565	DX783	PX4
61	7813565	DX783	PX4

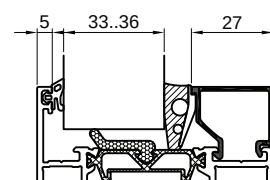


LASITUSLISTOJEN JA TIIVISTEIDEN VALINTA
SELECTING GLAZING BEADS AND SEALINGS

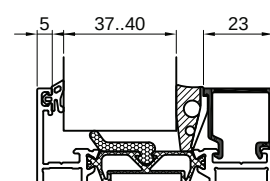
Lasin paksuus	Lasituslista	Ulkopuolentiiviste	Sisäpuolentiiviste
29	783279	DX783	KT10
30	783279	DX783	KT10
31	783279	DX783	KT08
32	783279	DX783	KT08
33	7817961	DX783	KT10
34	7817961	DX783	KT10
35	7817961	DX783	KT08
36	7817961	DX783	KT08
37	787521	DX783	KT10
38	787521	DX783	KT10
39	787521	DX783	KT08
40	787521	DX783	KT08
41	783328	DX783	KT10
42	783328	DX783	KT10
43	783328	DX783	KT08
44	783328	DX783	KT08
45	783278	DX783	KT10
46	783278	DX783	KT10
47	783278	DX783	KT08
48	783278	DX783	KT08
48	7817960	DX783	KT10
49	7817960	DX783	KT10
50	7817960	DX783	KT08
51	7817960	DX783	KT08
51	7812225	DX783	KT10
52	7812225	DX783	KT10
53	7812225	DX783	KT08
54	7812225	DX783	KT08
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57	7813565	DX783	KT08
58	7813565	DX783	KT08



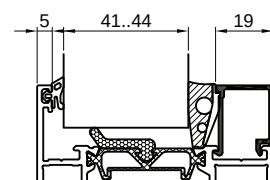
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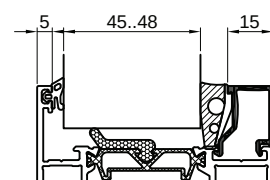
7817961



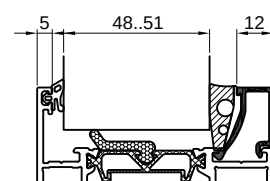
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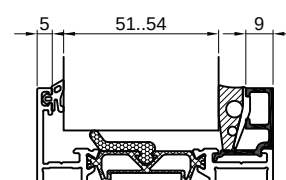
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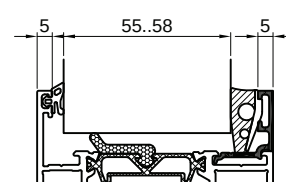
783278



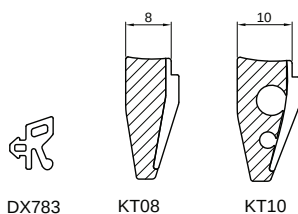
7817960



7812225



7813565



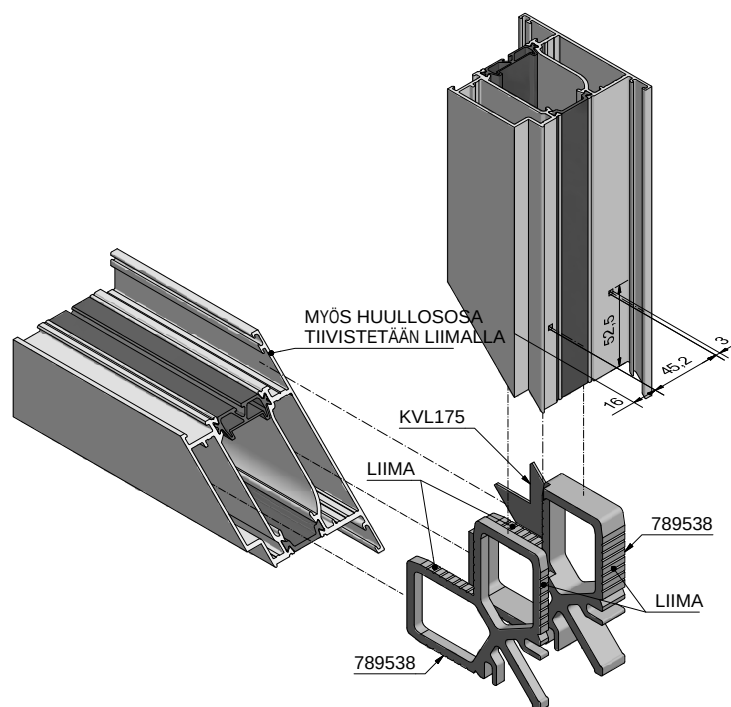
DX783

KT08

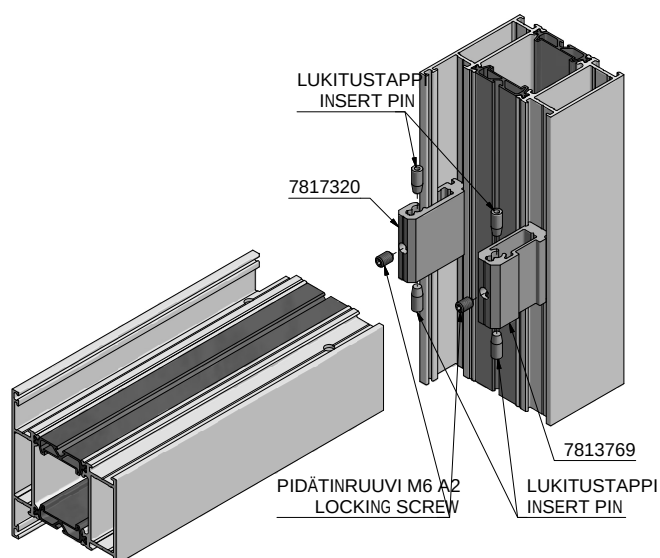
KT10

JIIRI- JA T-LIITOS ESIMERKKI MITRE AND T-JOINT, EXAMPLE

JIIRILIITOS PURISTAMALLA MITRE JOINT BY PRESSING

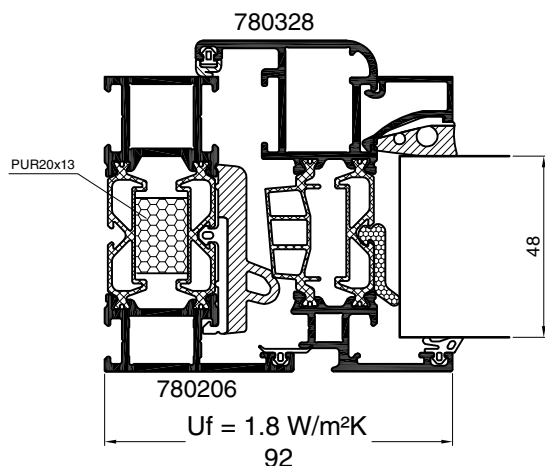


T-LIITOS LUKITUSTAPEIN T-JOINT BY INSERT PENS

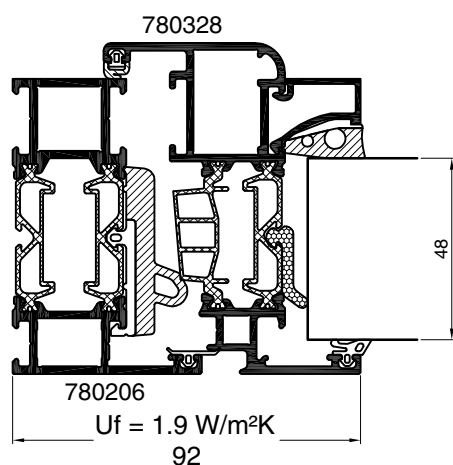


- T-liitos tiivistetään elastisella tiivistysmassalla
- The T-joint is sealed with an elastic sealing compound

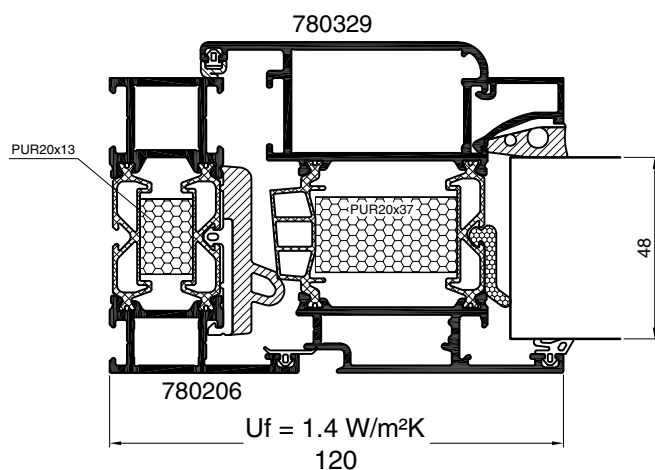
**LK78 SISÄÄNAUKEAVAN IKKUNAN (KOKO 1230x1480)
U_w-ARVOJA**



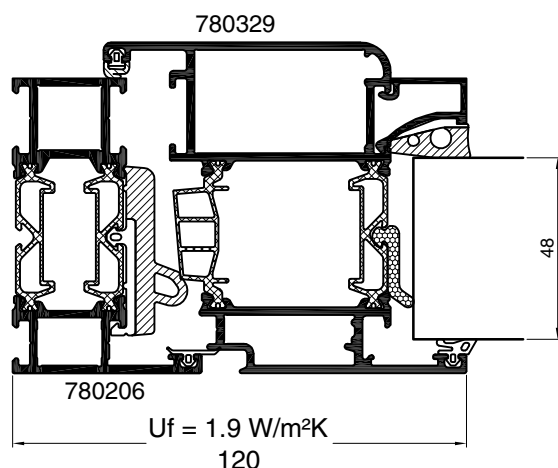
	Lasin U _g -arvo (W/m²K)		
	0,5	0,6	0,7
Eristyslasin välilista	Ikkunan U _w -arvo (w/m²K)		
Alumiini t=0.3	1,1	1,2	1,2
RST t=0.18	0,99	1,1	1,1
TPS	0,93	1,0	1,1



	Lasin U _g -arvo (W/m²K)		
	0,5	0,6	0,7
Eristyslasin välilista	Ikkunan U _w -arvo (w/m²K)		
Alumiini 0.3	1,1	1,2	1,3
RST 0.18	1,0	1,1	1,2
TPS	0,97	1,0	1,1



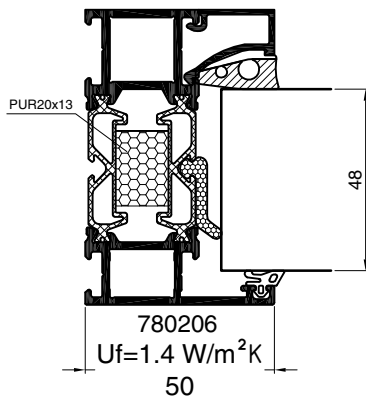
	Lasin U _g -arvo (W/m²K)		
	0,5	0,6	0,7
Eristyslasin välilista	Ikkunan U _w -arvo (w/m²K)		
Alumiini 0.3	1,1	1,1	1,2
RST 0.18	0,96	1,0	1,1
TPS	0,90	0,97	1,0



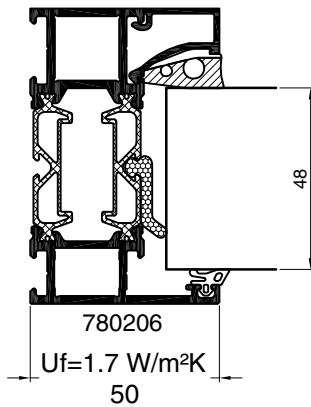
	Lasin U _g -arvo (W/m²K)		
	0,5	0,6	0,7
Eristyslasin välilista	Ikkunan U _w -arvo (w/m²K)		
Alumiini 0.3	1,2	1,3	1,4
RST 0.18	1,1	1,2	1,3
TPS	1,1	1,1	1,2

Karmirakenteen lämmönläpäisykerroin U_f ja lisäkonduktanssi ψ_g on määritetty standardin SFS-EN ISO 10077-2:2003 mukaan

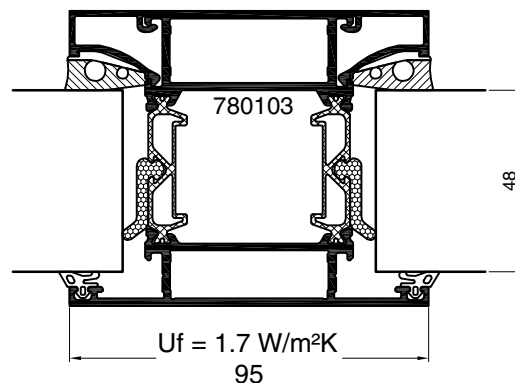
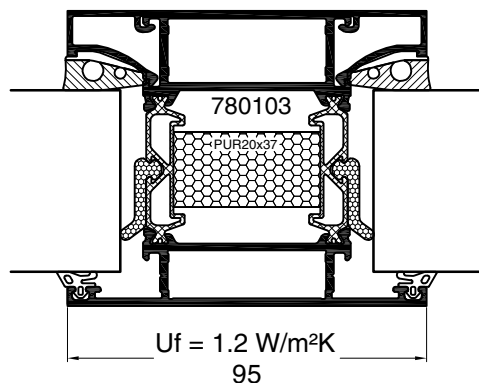
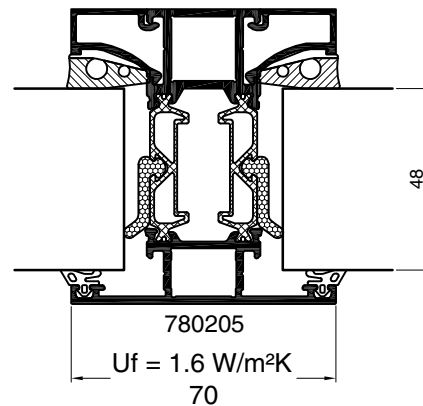
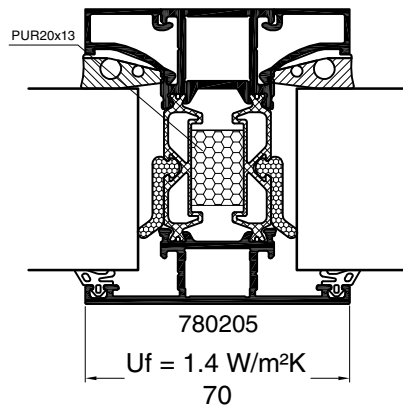
LK78 KIIENTEÄN IKKUNAN (KOKO 1230x1480)
 U_w -ARVOJA



	Lasin U_g -arvo ($\text{W/m}^2\text{K}$)		
	0,5	0,6	0,7
Eristyslasin välilista	Ikkunan U_w -arvo ($\text{W/m}^2\text{K}$)		
Alumiini $t=0.3$	0,93	1,0	1,1
RST $t=0.18$	0,82	0,91	0,99
TPS	0,75	0,83	0,91



	Lasin U_g -arvo ($\text{W/m}^2\text{K}$)		
	0,5	0,6	0,7
Eristyslasin välilista	Ikkunan U_w -arvo ($\text{W/m}^2\text{K}$)		
Alumiini $t=0.3$	0,96	1,0	1,1
RST $t=0.18$	0,86	0,94	1,0
TPS	0,79	0,87	0,96



Teknisiä tietoja

Profiilit

- alumiiniseos yleensä EN-AW 6063 T5, $R_{p0,2} \min = 130 \text{ N/mm}^2$
 $R_m \min = 175 \text{ N/mm}^2$
 $E = 70000 \text{ N/mm}^2$
- alumiinirakenteiden suunnittelussa on otettava huomioon lämpötilan muutoksista aiheutuvat siirtymät
- alumiinin lämpölaajenemiskerroin on $24 \times 10^{-6}/\text{K}$
- profiilien muototoleranssit EN 755-9 tai EN 12020-2 mukaan
- seos soveltuu erinomaisesti anodisoitavaksi
- toimituspituus on normaalisti 6,6 m, muut mitat erikoistilauksesta
- lämpökatkon materiaali on polyamidi, joka kestää anodisoinnin ja maalauksen

Tiivisteeet

- materiaali EPDM-kumi
- väri musta

Profiilien pintakäsittely

Anodisointi

- Anodisointi on sähkökemiallinen menetelmä, jolla kasvatetaan alumiinin luonnollisen oksidikerroksen paksuutta. Anodisointi muodostaa kovan, mekaanista kulutusta kestävä pinnan, jolla on erinomainen säänkesto.

Jauhemaalaus

- Jauhemaalauksessa profiilin pintaan ruiskutetaan pulveri, joka sulatetaan uunissa kestäväksi ja tasaiseksi pinnaksi. Ennen maalausta profileille tehdään esikäsitteily, jolla varmistetaan maalin pysyvyys. Normaalisti käytetään RAL-värikartan sävyjä, mutta muutkin sävyt ovat mahdollisia.



Valmistus, myynti ja neuvonta

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Pidätämme oikeuden muutoksiin ilman erillistä ilmoitusta.

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