



ULUSAN®
aluminum profiles technology

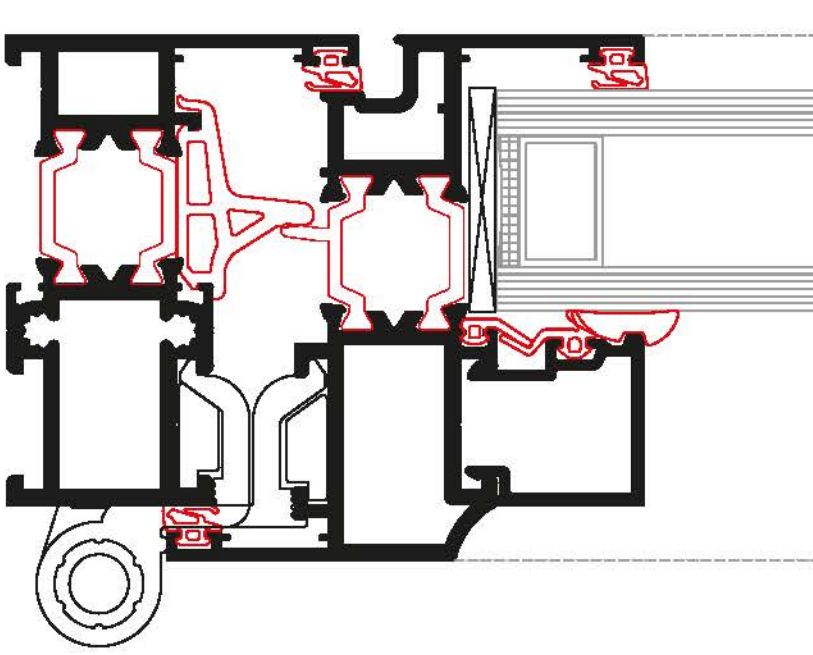
ARWİS YALITIMLI SİSTEM SERİSİ

AWT 64





AWT64



TEKNİK ÖZELLİKLER / TECHNICAL PROPERTIES

KASA DERİNLİĞİ / FRAME DEPTH	64mm
KANAT DERİNLİĞİ / VENT DEPTH	71.5mm
PROFİL ET KALINLIĞI / PROFILE WALL THCKNESS	1.4 / 1.8 / 2mm
MAKS. CAM KALINLIĞI / MAX. GLASS THCKNESS	44mm
ISI BARIYERLERİ / THERMAL INSULATION BAR	21mm

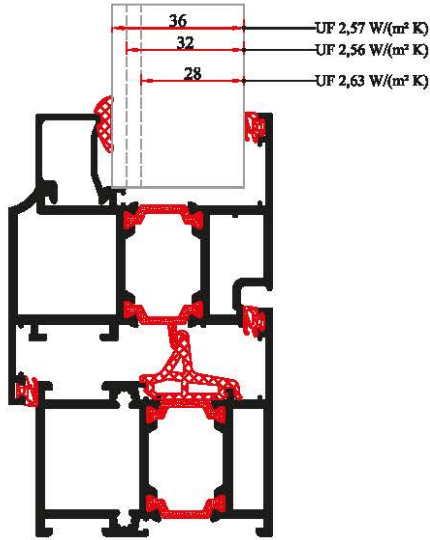
KULLANIM SEÇENEKLERİ / APPLICATION ALTERNATIVES	KAPI DOOR	PENCERE WINDOW
İÇE AÇILIR / INWARD OPENING	*	*
DIŞA AÇILIR / OUTWARD OPENING	*	
VASİSTAS / BOTTOM HUNG		*
ÇİFT EKSEN AÇILIM / TILT&TURN OPENING	*	*
PVC AKSESUAR İÇİN KANAT / VENT FOT PVC ACCESSORIES	*	*
PİVOT / PIVOT		*

SİSTEM UF DEĞERLERİ - EN 10077-2
THERMAL INSULATION VALUE

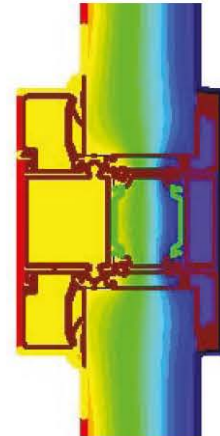
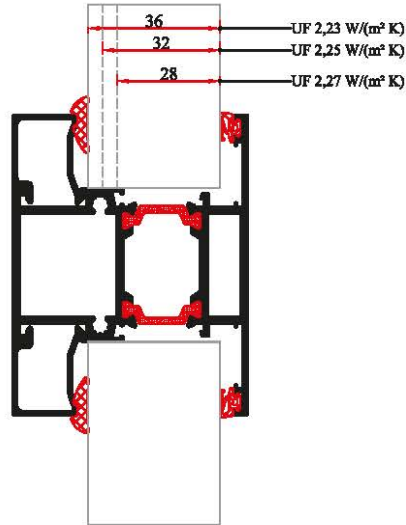


2,23-2,63 W/(m² K)

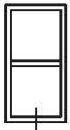
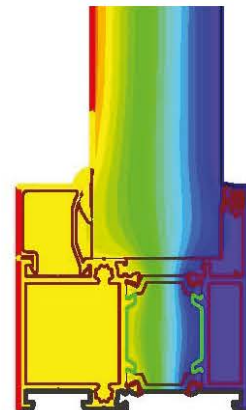
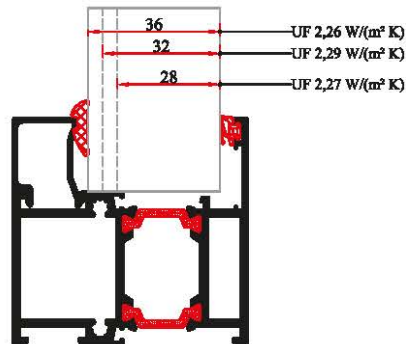
ISI YALITIM DEĞERLERİ (UF) / THERMAL INSULATION VALUE (UF)

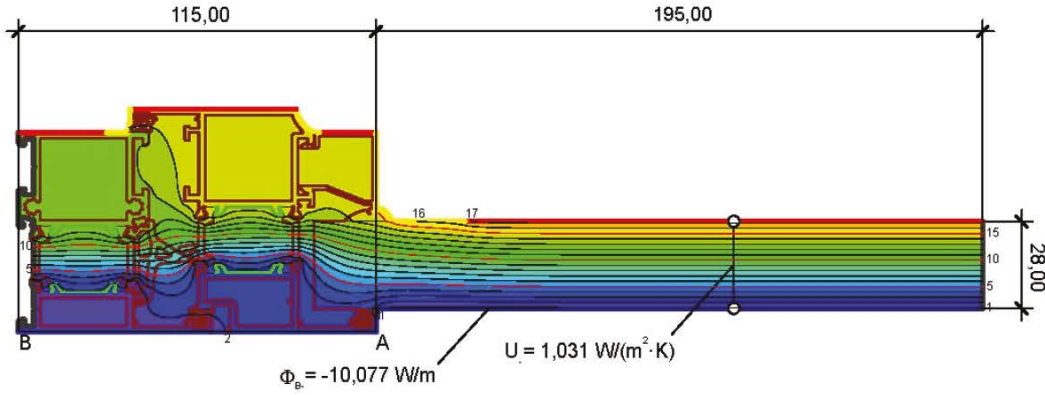


ISI YALITIM DEĞERLERİ (UF) / THERMAL INSULATION VALUE (UF)



ISI YALITIM DEĞERLERİ (UF) / THERMAL INSULATION VALUE (UF)



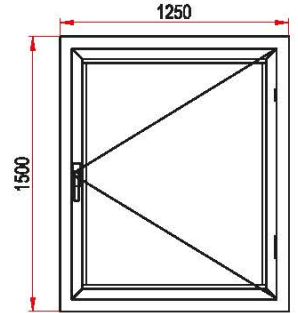


$$U_{fAB} = \frac{\Phi}{\Delta T} - U_p \cdot b_p = \frac{10,077}{20,000} - 1,031 \cdot 0,195 = 0,115 = 2,63 \text{ W/(m}^2 \cdot \text{K)}$$

Material	λ [W/(m·K)]	ϵ
Aluminium (Si Alloys)	160,000	0,300
Aluminium (Si Alloys)	160,000	0,900
EPDM (ethylene propylene diene monomer)	0,250	0,900
Panel	0,035	0,900
Polyamid 6.6 with 25% glass fibre	0,300	0,900
Slightly ventilated air cavity **		
Unventilated air cavity **		

** EN ISO 10077-2:2017, 6.4.3/anisotrop

Boundary Condition	q [W/m²]	θ [°C]	R [(m²·K)/W]	ϵ
Epsilon 0.3				0,300
Epsilon 0.9				0,900
Exterior, frame	0,000		0,040	
Interior, frame, normal	20,000		0,130	
Interior, frame, reduced	20,000		0,200	
Symmetry/Model section	0,000			



ÖRNEK

Ucw Hesaplama

PROFİL KOMBİNASYONLARI

Pos.	Adet	Açıklama	Genişlik [m]	Yükseklik [m]	Uf-Değeri [W/m²·K]	Alan Af [m²]	%A
01	2	Düşey Kesit	0,15	1,5	2,63	0,45	54,5%
02	2	Yatay Kesit	1,25	0,15	2,63	0,38	45,5%
03						0,00	0,0%

Uf Ortalama	Af Toplam	%A
2,63	0,825	100,0%

DOLGULAR

Pos.	Adet	Açıklama	Genişlik [m]	Yükseklik [m]	Cam/Panel Ug/p-Değeri [W/m²·K]	Alan Ag/p [m²]	%A	Spacer Ψg/p [W/m·K]	Uzunluk Ig/p [m]	%I
01	1	6+16+6 Düz cam	1,05	1,3	1,1	1,37	100,0%	0,04	4,7	100,0%
02						0,00	0,0%		0	0,0%

Ug/p Ortalama	Ag/p Toplam	%A	Ψg/p Ortalama	Ig/p Toplam	%I
1,10	1,37	100,0%	0,04	4,7	100,0%

SONUÇ

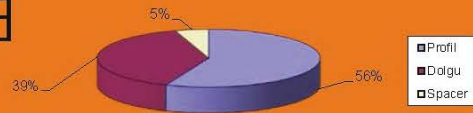
Ucw = 1,76 W/m²K

A_{Toplam} = 2,19 m²H_{Toplam} = 3,86 W/K

Yüzdeiler

Profil	0,99
Dolgu	0,69
Spacer	0,09

CAD-PLAN



$$U_{cw} = \frac{\sum_i A_{gi} \cdot U_{gi} + \sum_j A_{fj} \cdot U_{fj} + \sum_k l_{fk} \cdot \psi_{fk}}{\sum_i A_{gi} + \sum_j A_{fj}}$$

SİSTEM NUMARASI

64 AWT 300-301

64 AWT 302-303

64 AWT 306-307

64 AWT 400-303

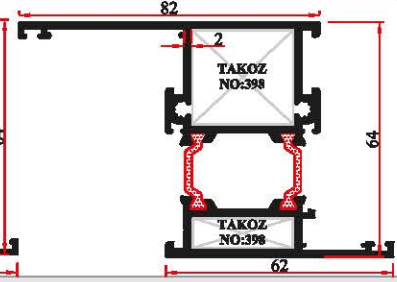
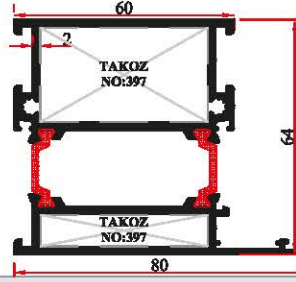
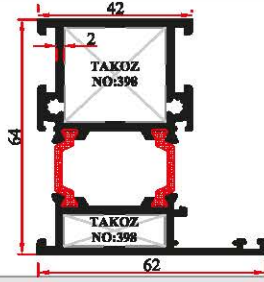
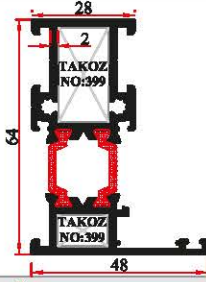
KALIP NUMARASI

300-301

302-303

306-307

400-303

**AĞIRLIK: 1,461 kg/mt****1,760 kg/mt****2,152 kg/mt****1,968 kg/mt**Jx : 5,769 cm⁴Jx : 15,557 cm⁴Jx : 43,528 cm⁴Jx : 20,741 cm⁴Jy : 25,055 cm⁴Jy : 31,757 cm⁴Jy : 35,355 cm⁴Jy : 49,750 cm⁴

28'lik Düz Kasa Profili

42'lik Düz Kasa Profili

60'lik Düz Kasa Profili

Pervazlı Kasa Profili

SİSTEM NUMARASI

64 AWT 300-308

64 AWT 302-309

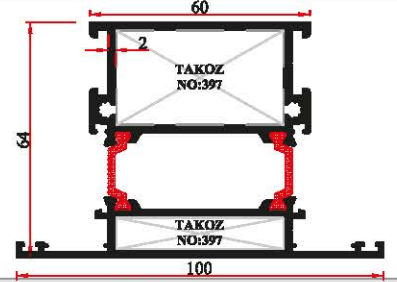
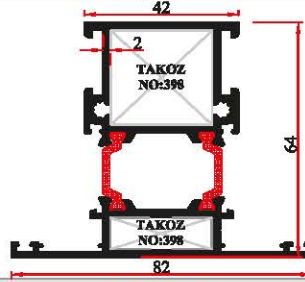
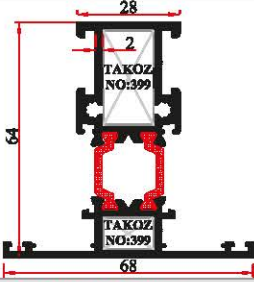
64 AWT 306-311

KALIP NUMARASI

300-308

302-309

306-311

**AĞIRLIK: 1,564 kg/mt****1,863 kg/mt****2,254 kg/mt**Jx : 8,722 cm⁴Jx : 20,449 cm⁴Jx : 46,373 cm⁴Jy : 27,271 cm⁴Jy : 33,602 cm⁴Jy : 41,746 cm⁴

28'lik Orta Kayıt Profili

42'lik Orta Kayıt Profili

60'lik Orta Kayıt Profili

SİSTEM NUMARASI

64 AWT 314-315

64 AWT 316-317

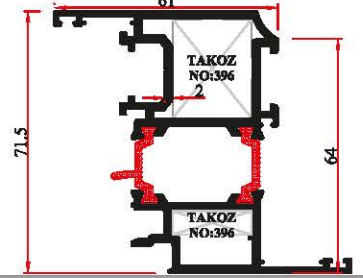
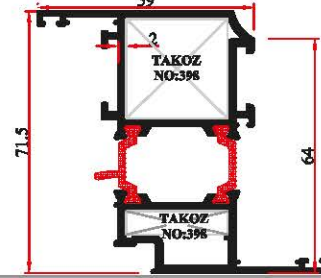
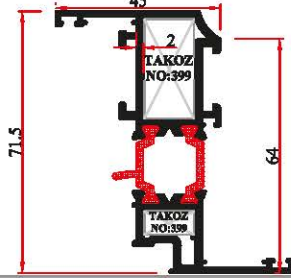
64 AWT 324-325

KALIP NUMARASI

314-315

316-317

324-325

**AĞIRLIK: 1,561 kg/mt****1,864 kg/mt****1,961 kg/mt**Jx : 5,993 cm⁴Jx : 15,594 cm⁴Jx : 16,476 cm⁴Jy : 34,262 cm⁴Jy : 43,401 cm⁴Jy : 45,924 cm⁴

45'lik Kanat Profili

59'lik Kanat Profili

61'lik Pvc Kanat Profili

SİSTEM NUMARASI

64 AWT 318-319

64 AWT 333-334

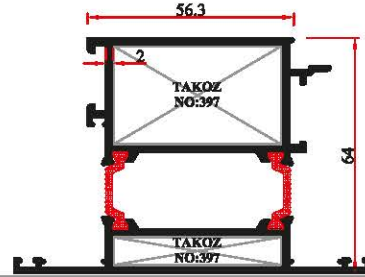
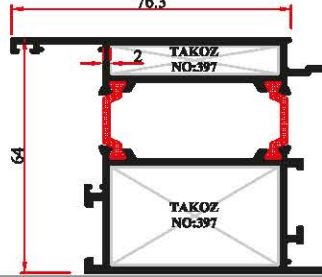
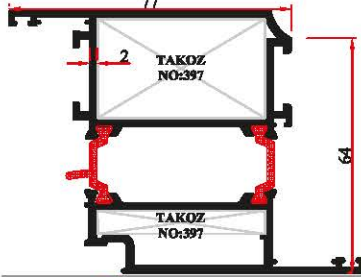
64 AWT 331-332

KALIP NUMARASI

318-319

333-334

331-332

**AĞIRLIK: 2,252 kg/mt****2,178 kg/mt****2,157 kg/mt**Jx : 35,147 cm⁴Jx : 50,868 cm⁴Jx : 42,890 cm⁴Jy : 58,720 cm⁴Jy : 35,025 cm⁴Jy : 40,697 cm⁴

Binili Kapı Kanadı Profili

Hemiyüz Kapı Kanadı Profili

Hemiyüz Kapı Kaseti Profili

ÖLÇEK:1/2

SİSTEM NUMARASI

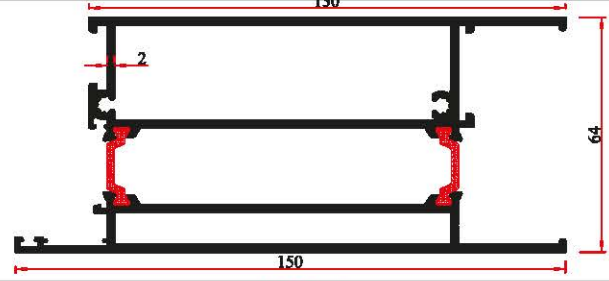
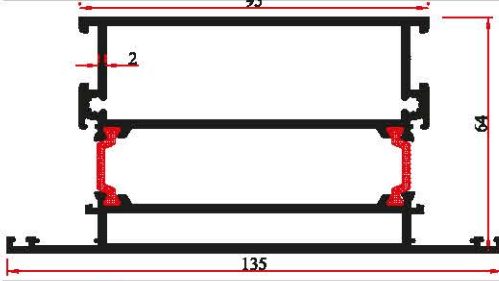
64 AWT 312-313

64 AWT 328-329

KALIP NUMARASI

312-313

328-329



AĞIRLIK: 3,007 kg/mt

Jx : 139,919 cm⁴Jy : 57,579 cm⁴

135'lik Etek Profili

3,410 kg/mt

Jx : 208,615 cm⁴Jy : 69,057 cm⁴

150'lik Etek Profili

SİSTEM NUMARASI

64 AWT 344-345

64 AWT 340-341

64 AWT 1497-341

64 AWT 338-339

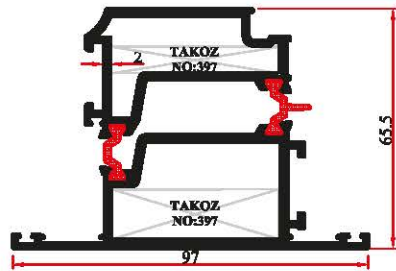
KALIP NUMARASI

344-345

340-341

1497-341

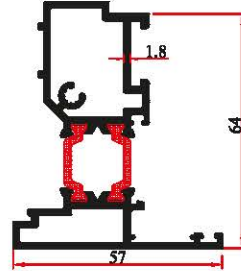
338-339



AĞIRLIK: 2,322 kg/mt

Jx : 44,137 cm⁴Jy : 49,485 cm⁴

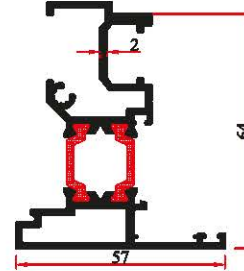
Dışa Açılır Kanat Profili



1,429 kg/mt

Jx : 7,555 cm⁴Jy : 25,419 cm⁴

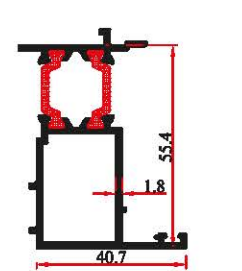
Çift Açılır Kanat Adaptörü



1,372 kg/mt

Jx : 6,875 cm⁴Jy : 24,351 cm⁴

Çift Açılır Kanat Adaptörü



1,029 kg/mt

Jx : 4,164 cm⁴Jy : 17,017 cm⁴

Dışa Açılır Kapı Adaptörü

SİSTEM NUMARASI

64 AWT 326-327

64 AWT 335-336

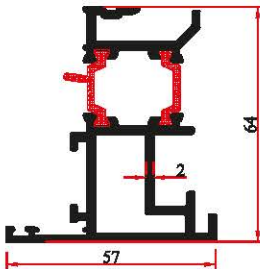
64 AWT 446-482

KALIP NUMARASI

326-327

335-336

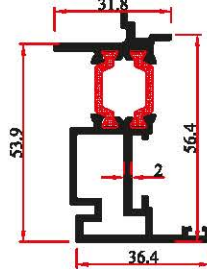
446-482



AĞIRLIK: 1,556 kg/mt

Jx : 9,404 cm⁴Jy : 26,671 cm⁴

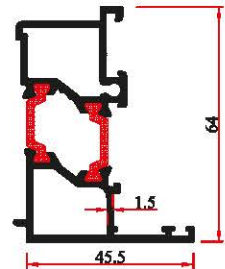
Pivot Kanat Adaptörü



1,048 kg/mt

Jx : 3,141 cm⁴Jy : 17,093 cm⁴

Dışa Açılır Kapı Adaptörü



1,188 kg/mt

Jx : 5,655 cm⁴Jy : 18,595 cm⁴

Dışa Açılır Kapı Adaptörü

SİSTEM NUMARASI

64 AWT 320-1588

64 AWT 447-489

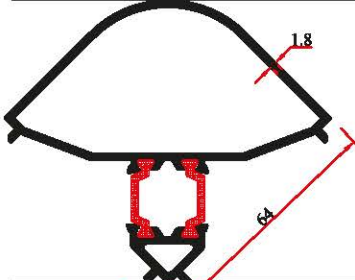
64 AWT 320-1591

KALIP NUMARASI

322-1588

447-489

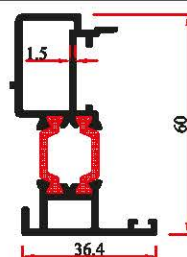
320-1591



AĞIRLIK: 1,571 kg/mt

Jx : 28,688 cm⁴Jy : 27,905 cm⁴

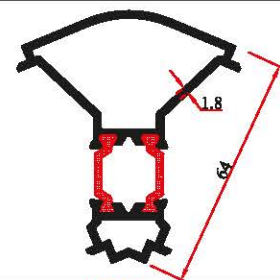
90° Dönüşlü Profil



1,018 kg/mt

Jx : 2,985 cm⁴Jy : 15,299 cm⁴

Dışa Açılır Kanat Adaptörü



1,323 kg/mt

Jx : 9,203 cm⁴Jy : 23,574 cm⁴

135° Dönüşlü Profil

ÖLÇEK: 1/2

SİSTEM NUMARASI

64 AWT 346-347

64 AWT 348-349

64 AWT 346-352

64 AWT 348-353

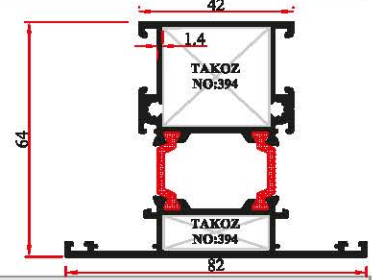
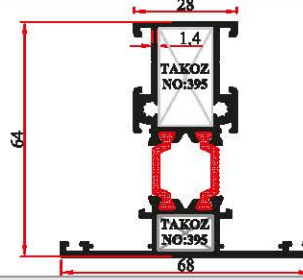
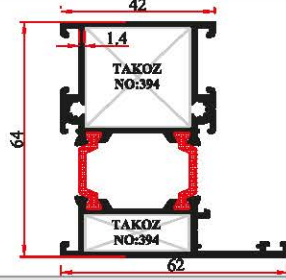
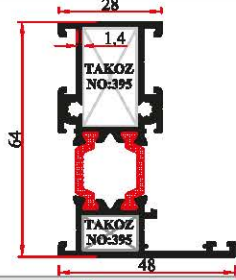
KALIP NUMARASI

346-347

348-349

346-352

348-353



AĞIRLIK: 1,204 kg/mt

1,415 kg/mt

1,298 kg/mt

1,510 kg/mt

Jx : 5,126 cm⁴Jx : 13,420 cm⁴Jx : 7,952 cm⁴Jx : 18,206 cm⁴Jy : 19,863 cm⁴Jy : 24,834 cm⁴Jy : 21,758 cm⁴Jy : 26,742 cm⁴

28'lik Düz Kasa Profili

42'lik Düz Kasa Profili

28'lik Orta Kayıt Profili

42'lik Orta Kayıt Profili

SİSTEM NUMARASI

64 AWT 355-356

64 AWT 357-358

64 AWT 361-362

64 AWT 359-360

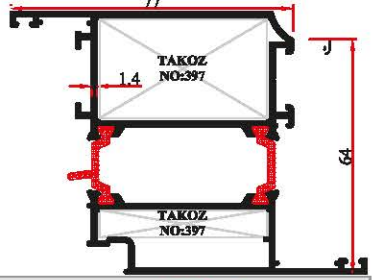
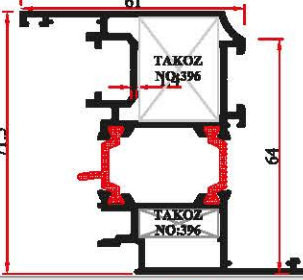
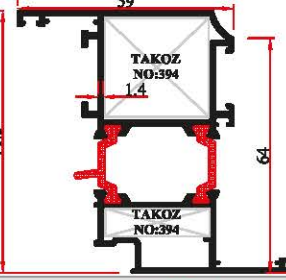
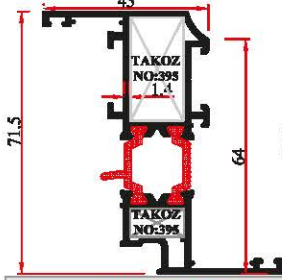
KALIP NUMARASI

355-356

357-358

361-362

359-360



AĞIRLIK: 1,279 kg/mt

1,499 kg/mt

1,652 kg/mt

1,774 kg/mt

Jx : 5,251 cm⁴Jx : 12,922 cm⁴Jx : 14,712 cm⁴Jx : 28,302 cm⁴Jy : 28,349 cm⁴Jy : 35,152 cm⁴Jy : 38,244 cm⁴Jy : 49,005 cm⁴

45'lik Kanat Profili

59'lik Kanat Profili

61'lik Pvc Kanat Profili

Binili Kapı Kanat Profili

SİSTEM NUMARASI

64 AWT 367-1498

64 AWT 1495-1496

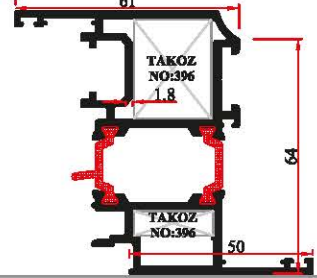
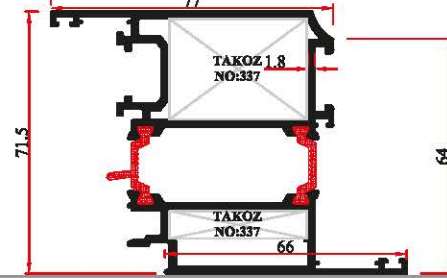
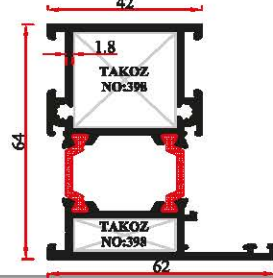
64 AWT 365-366

KALIP NUMARASI

367-1498

1495-1496

365-366



AĞIRLIK: 1,661 kg/mt

2,166 kg/mt

1,831 kg/mt

Jx : 15,078 cm⁴Jx : 32,624 cm⁴Jx : 15,873 cm⁴Jy : 29,836 cm⁴Jy : 55,891 cm⁴Jy : 43,108 cm⁴

42'lik Düz Kasa Profili

77'lik Pvc kanat Profili

61'lik Pvc Kanat Profili

SİSTEM NUMARASI

64 AWT 367-368

64 AWT 369-370

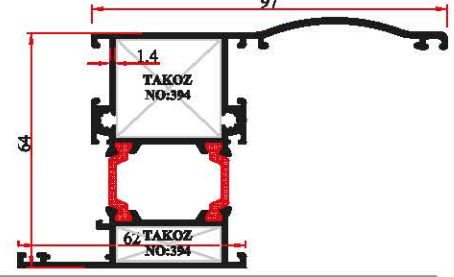
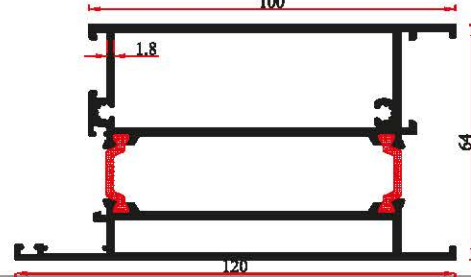
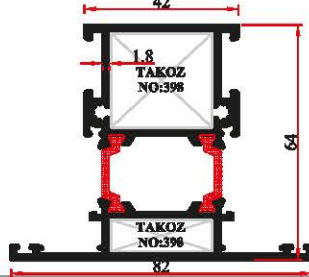
64 AWT 349-381

KALIP NUMARASI

367-368

369-370

349-381



AĞIRLIK: 1,755 kg/mt

2,682 kg/mt

1,668 kg/mt

Jx : 19,987 cm⁴Jx : 113,774 cm⁴Jx : 55,125 cm⁴Jy : 31,516 cm⁴Jy : 51,066 cm⁴Jy : 18,550 cm⁴

42'lik Orta Kayıt Profili

120'lik Blok Profili

Oval Pervazlı Kasa Profili

ÖLÇEK:1/2

SİSTEM NUMARASI

64 AWT 348-354

64 AWT 350-351

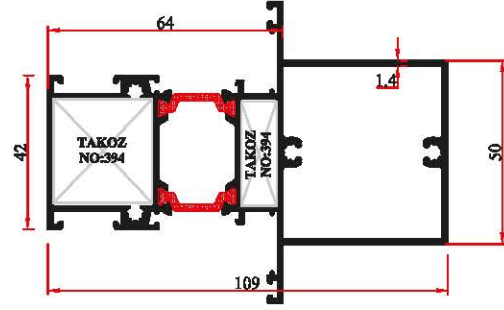
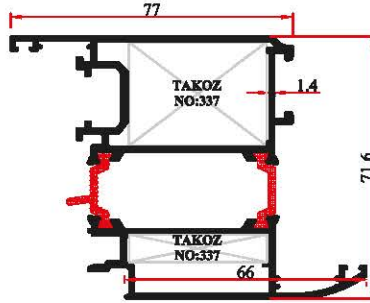
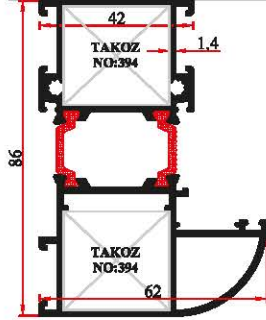
64 AWT 348-1492

KALIP NUMARASI

348-354

350-351

348-1492



1,741 kg/mt

1,910 kg/mt

2,139 kg/mt

Jx : 48,763 cm⁴Jx : 29,125 cm⁴Jx : 26,865 cm⁴Jy : 19,323 cm⁴Jy : 52,156 cm⁴Jy : 83,826 cm⁴

Oval Kasa Profili

Oval Kanat Profili

Takviyeli Kasa Profili

SİSTEM NUMARASI

64 AWT 1490-1491

64 AWT 8168

64 AWT 8532

64 AWT 109

64 AWT 375

64 AWT 376

KALIP NUMARASI

1490-1491

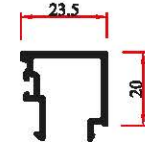
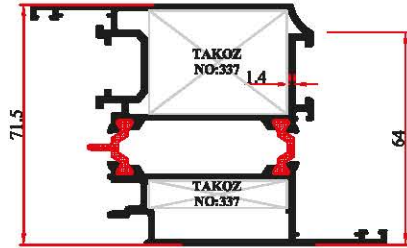
8168

8532

109

375

376



AĞIRLIK:1,894 kg/mt

0,275 kg/mt

0,286 kg/mt

0,230 kg/mt

0,294 kg/mt

0,305 kg/mt

Jx : 28,520 cm⁴Jy : 50,692 cm⁴

Geniş Kapılık Pvc Yalıtım

Cam Çıtası (12.5 mm)

Cam Çıtası (14.3 mm)

Cam Çıtası (17.6 mm)

Cam Çıtası (21.5mm)

Cam Çıtası (23.5mm)

SİSTEM NUMARASI

64 AWT 115

64 AWT 110

64 AWT 377

64 AWT 380

64 AWT 378

KALIP NUMARASI

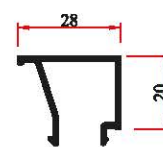
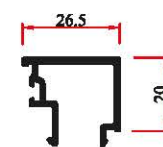
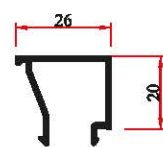
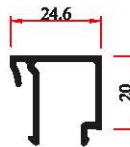
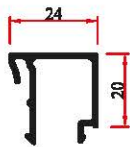
115

110

377

380

378



AĞIRLIK:0,265 kg/mt

0,275 kg/mt

0,260 kg/mt

0,292 kg/mt

0,267 kg/mt

Cam Çıtası (24 mm)

Cam Çıtası (24.6mm)

Cam Çıtası (26 mm)

Cam Çıtası (26.5mm)

Cam Çıtası (28 mm)

SİSTEM NUMARASI

64 AWT 379

64 AWT 230

64 AWT 231

64 AWT 374

64 AWT 232

KALIP NUMARASI

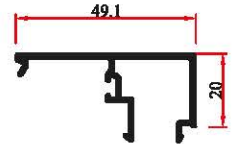
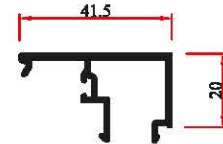
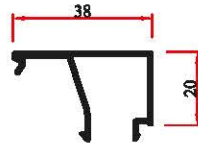
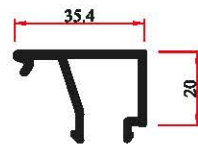
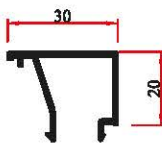
379

230

231

374

232



AĞIRLIK:0,284 kg/mt

0,315 kg/mt

0,326 kg/mt

0,402 kg/mt

0,432 kg/mt

Cam Çıtası (30 mm)

Cam Çıtası (35.5 mm)

Cam Çıtası (38 mm)

Cam Çıtası (41.5mm)

Cam Çıtası (49.1mm)

ÖLÇEK:1/2

AWT 64



ARWIS YALITIMLI SİSTEM SERİSİ
ARWIS INSULATED SYSTEM SERIES

SİSTEM NUMARASI

64 AWT 440-448

64 AWT 373

64 AWT 342

64 AWT 343

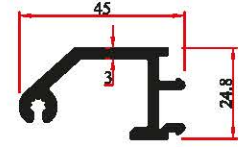
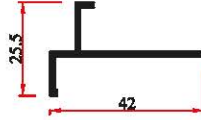
KALIP NUMARASI

440-448

373

342

343



AĞIRLIK: 0,832 kg/mt

0,251 kg/mt

0,369 kg/mt

0,705 kg/mt

Yalıtımlı Esik Profili

T Bini Profili

İnce U Takoz Profili

Kalın U Bağlantı Profili

SİSTEM NUMARASI

64 AWT 383

64 AWT 372

64 AWT 146

64 AWT 386

64 AWT 384

KALIP NUMARASI

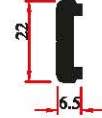
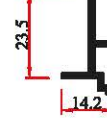
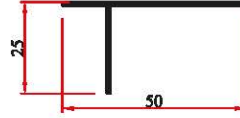
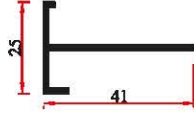
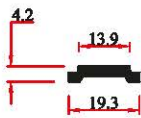
383

372

146

386

384



AĞIRLIK: 0,144 kg/mt

0,256 kg/mt

0,240 kg/mt

0,175 kg/mt

0,270 kg/mt

Tij Profili

T Bini Profili

T Bini Profili

Kapa Adaptörü

Kilit Karşılığı

SİSTEM NUMARASI

64 AWT 385

64 AWT 3402

64 AWT 393

64 AWT 399

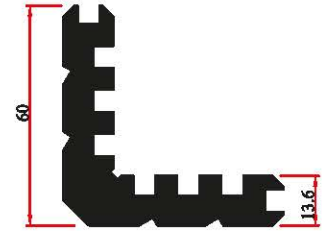
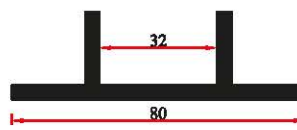
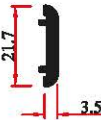
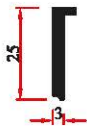
KALIP NUMARASI

385

3402

393

399



AĞIRLIK: 0,210 kg/mt

0,168 kg/mt

1,296 kg/mt

3,034 kg/mt

Kilit Altı

Kilit Altı

Ara Bağlantı Profili

2 mm Der Seri Takozu

SİSTEM NUMARASI

64 AWT 398

64 AWT 397

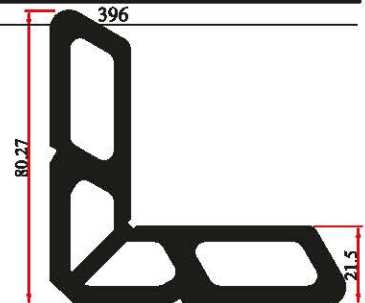
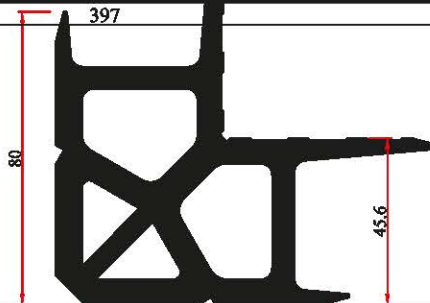
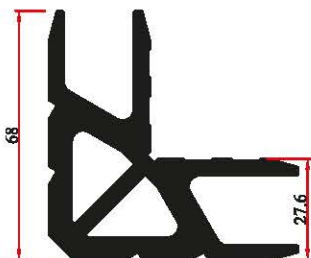
64 AWT 396

KALIP NUMARASI

398

397

396



AĞIRLIK: 3,618 kg/mt

6,658 kg/mt

4,339 kg/mt

2 mm Orta Seri Takozu

2 mm Geniş Seri Takozu

2 mm Pvc Takozu

ÖLÇEK: 1/2

PROFİLLERİN BİRİM AĞIRLIKLARI TEORİK OLARAK HESAPLANMIŞTIR / PROFILES UNIT WEIGHTS CALCULATED THEORETICALLY

AWT 64



ARWIS YALITIMLI SİSTEM SERİSİ
ARWIS INSULATED SYSTEM SERIES

SİSTEM NUMARASI

64 AWT 395

64 AWT 394

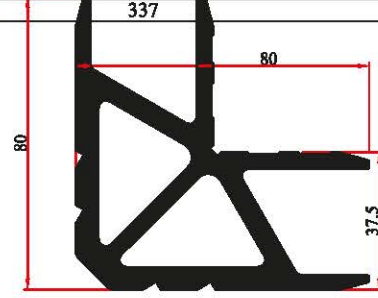
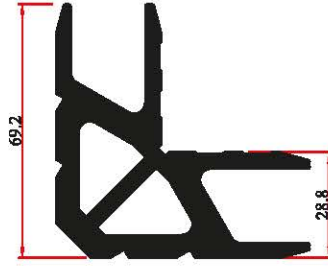
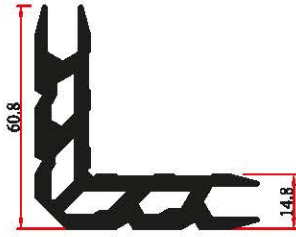
64 AWT 337

KALIP NUMARASI

395

394

337



AĞIRLIK: 2,427 kg/mt

3,669 kg/mt

4,470 kg/mt

1,4 mm Dar Seri Takozu

1,4 mm Orta Seri Takozu

1,4 mm Orta Seri Takozu

SİSTEM NUMARASI

50 AW 388

50 AW 389

50 AW 390

KALIP NUMARASI

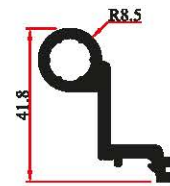
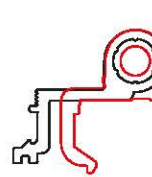
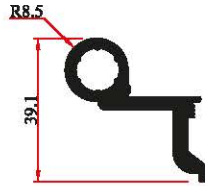
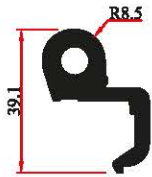
388

388-389

389

388-390

390



AĞIRLIK: 0,950 kg/mt

0,799 kg/mt

0,765 kg/mt

MENTEŞE

PVC MENTEŞE

SİSTEM NUMARASI

50 AW 265

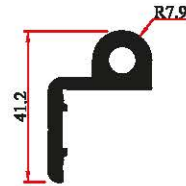
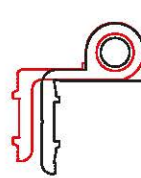
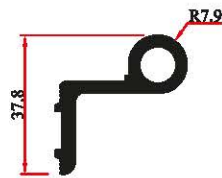
50 AW 266

KALIP NUMARASI

265

265-266

266



AĞIRLIK: 0,719 kg/mt

0,808 kg/mt

Hem Pvc Hem Normal Menteşe

SİSTEM NUMARASI

50 AW 387

50 AW 391

64 AWT 382

64 AWT 234

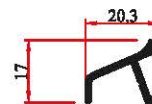
KALIP NUMARASI

387

391

382

234



AĞIRLIK: 0,170 kg/mt

0,143 kg/mt

0,170 kg/mt

0,203 kg/mt

Menteşe Altlığı Profili

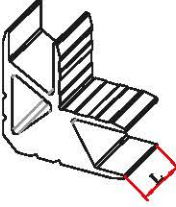
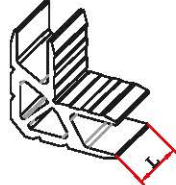
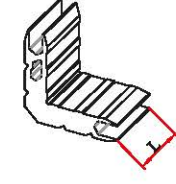
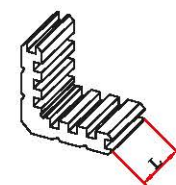
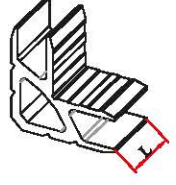
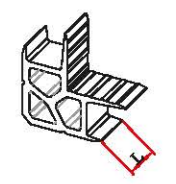
Menteşe Altlığı Profili

Damlalık Profili

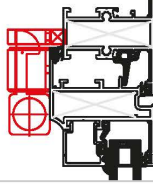
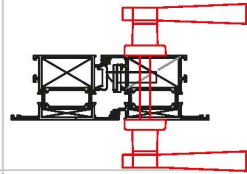
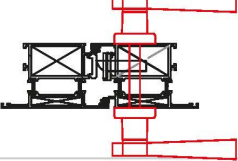
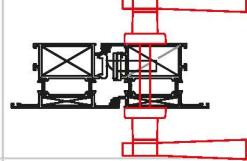
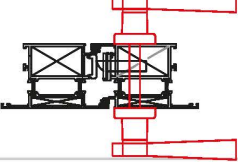
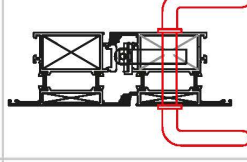
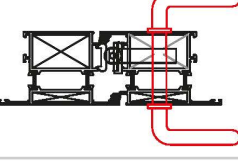
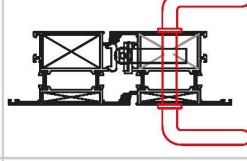
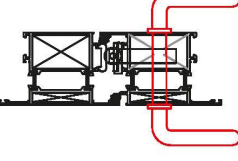
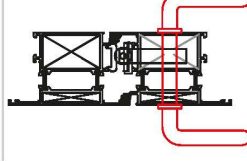
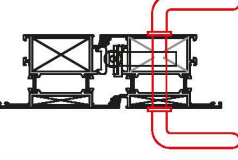
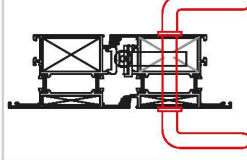
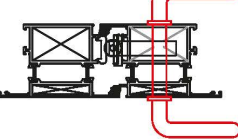
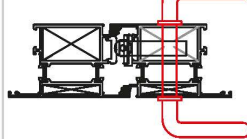
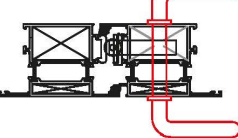
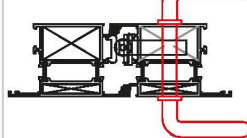
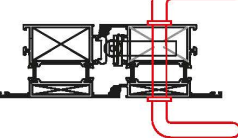
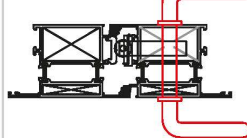
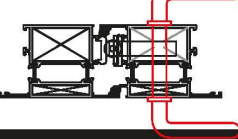
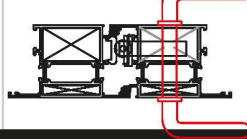
Jaluzi Cam Çıtası

ÖLÇEK: 1/2

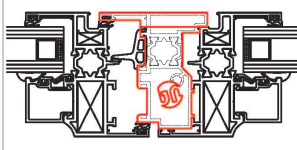
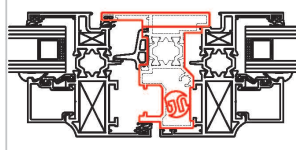
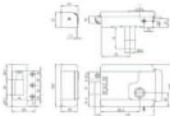
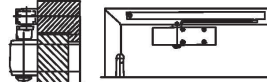
PROFİLLERİN BİRİM AĞIRLIKLARI TEORİK OLARAK HESAPLANMIŞTIR / PROFILES UNIT WEIGHTS CALCULATED THEORETICALLY

	KULLANILAN PROFİL NO	KULLANILAN PROFİL NO	KÖŞE TAKOZ KALIB NO	KÖŞE TAKOZ PROFİL NO	KESİM ÖLÇÜSÜ (L)	KÖŞE TAKOZ KESİM NO	AKSESUAR NO
	64 AWT 300-301	64 AWT 300	399	64 AWT 399	25,7 MM	TK-399-25,7	—
		64 AWT 301	399	64 AWT 399	8,5 MM	TK-399-8,5	—
	64 AWT 302-303	64 AWT 302	398	64 AWT 398	25,7 MM	TK-398-25,7	—
		64 AWT 303	398	64 AWT 398	8,5 MM	TK-398-8,5	—
	64 AWT 306-307	64 AWT 306	397	64 AWT 397	25,7 MM	TK-397-25,7	—
		64 AWT 307	397	64 AWT 397	8,5 MM	TK-397-8,5	—
	64 AWT 400-303	64 AWT 400	398	64 AWT 398	25,7 MM	TK-398-25,7	—
		64 AWT 303	398	64 AWT 398	8,5 MM	TK-398-8,5	—
	64 AWT 300-308	64 AWT 300	399	64 AWT 399	25,7 MM	TK-399-25,7	64 AWT A28
		64 AWT 308	399	64 AWT 399	8,5 MM	TK-399-8,5	64 AWT A28
	64 AWT 302-309	64 AWT 302	398	64 AWT 398	25,7 MM	TK-398-25,7	64 AWT A28
		64 AWT 309	398	64 AWT 398	8,5 MM	TK-398-8,5	64 AWT A28
	64 AWT 306-311	64 AWT 306	397	64 AWT 397	25,7 MM	TK-397-25,7	64 AWT A28
		64 AWT 311	397	64 AWT 397	8,5 MM	TK-397-8,5	64 AWT A28
	64 AWT 314-315	64 AWT 314	399	64 AWT 399	27 MM	TK-399-27	—
		64 AWT 315	399	64 AWT 399	6,3 MM	TK-399-6,3	—
	64 AWT 316-317	64 AWT 316	398	64 AWT 398	27 MM	TK-398-27	—
		64 AWT 317	398	64 AWT 398	6,3 MM	TK-398-6,3	—
	64 AWT 324-325	64 AWT 324	396	64 AWT 396	27 MM	TK-396-27	—
		64 AWT 325	396	64 AWT 396	6,3 MM	TK-396-6,3	—
	64 AWT 318-319	64 AWT 318	397	64 AWT 397	27 MM	TK-397-27	—
		64 AWT 319	397	64 AWT 397	6,3 MM	TK-397-6,3	—
	64 AWT 333-334	64 AWT 333	397	64 AWT 397	7,5 MM	TK-397-7,5	—
		64 AWT 334	397	64 AWT 397	26,7 MM	TK-397-26,7	—
	64 AWT 331-332	64 AWT 331	397	64 AWT 397	26,7 MM	TK-397-26,7	—
		64 AWT 332	397	64 AWT 397	7,5 MM	TK-397-7,5	—
	64 AWT 344-345	64 AWT 344	397	64 AWT 397	6,8 MM	TK-397-6,8	—
		64 AWT 345	397	64 AWT 397	15,6 MM	TK-397-15,6	—
	64 AWT 346-347	64 AWT 346	395	64 AWT 395	26,9 MM	TK-395-26,9	—
		64 AWT 347	395	64 AWT 395	9,7 MM	TK-395-9,7	—
	64 AWT 348-349	64 AWT 348	394	64 AWT 394	26,9 MM	TK-394-26,9	—
		64 AWT 349	394	64 AWT 394	9,7 MM	TK-394-9,7	—
	64 AWT 346-352	64 AWT 346	395	64 AWT 395	26,9 MM	TK-395-26,9	—
		64 AWT 352	395	64 AWT 395	9,7 MM	TK-395-9,7	—
	64 AWT 348-353	64 AWT 348	394	64 AWT 394	26,9 MM	TK-394-26,9	64 AWT A28
		64 AWT 353	394	64 AWT 394	9,7 MM	TK-394-9,7	64 AWT A28
	64 AWT 355-356	64 AWT 355	395	64 AWT 395	28,2 MM	TK-395-28,2	—
		64 AWT 356	395	64 AWT 395	7,3 MM	TK-395-7,3	—
	64 AWT 357-358	64 AWT 357	394	64 AWT 394	28,2 MM	TK-394-28,2	—
		64 AWT 358	394	64 AWT 394	7,5 MM	TK-394-7,5	—
	64 AWT 361-362	64 AWT 361	396	64 AWT 396	28,2 MM	TK-396-28,2	—
		64 AWT 362	396	64 AWT 396	7,5 MM	TK-396-7,5	—
	64 AWT 359-360	64 AWT 359	397	64 AWT 397	28,2 MM	TK-397-28,2	—
		64 AWT 360	397	64 AWT 397	7,5 MM	TK-397-7,5	—
	64 AWT 365-366	64 AWT 365	396	64 AWT 396	27,4 MM	TK-396-27,4	—
		64 AWT 366	396	64 AWT 396	6,7 MM	TK-396-6,7	—
	64 AWT 367-368	64 AWT 367	398	64 AWT 398	25,7 MM	TK-398-25,7	64 AWT A28
		64 AWT 368	398	64 AWT 398	8,5 MM	TK-398-8,5	64 AWT A28
	64 AWT 349-381	64 AWT 381	394	64 AWT 394	26,9 MM	TK-394-26,9	—
		64 AWT 349	394	64 AWT 394	9,7 MM	TK-394-9,7	—
	64 AWT 348-354	64 AWT 348	394	64 AWT 394	26,9 MM	TK-394-26,9	—
		64 AWT 354	394	64 AWT 394	26,9 MM	TK-394-26,9	—
	64 AWT 350-351	64 AWT 350	337	64 AWT 337	28,2 MM	TK-337-28,2	—
		64 AWT 351	337	64 AWT 337	7,5 MM	TK-337-7,5	—
	64 AWT 1490-1491	64 AWT 1490	337	64 AWT 337	28,2 MM	TK-337-28,2	—
		64 AWT 1491	337	64 AWT 337	7,5 MM	TK-337-7,5	—
	64 AWT 348-1492	64 AWT 1492	394	64 AWT 394	9,7 MM	TK-394-9,7	—
		64 AWT 348	394	64 AWT 394	26,9 MM	TK-394-26,9	—
	64 AWT 1495-1496	64 AWT 1495	337	64 AWT 337	27,4 MM	TK-337-27,4	—
		64 AWT 1496	337	64 AWT 337	7,1 MM	TK-337-7,1	—
	64 AWT 367-1498	64 AWT 367	398	64 AWT 398	25,7 MM	TK-398-25,7	—
		64 AWT 1498	398	64 AWT 398	8,9 MM	TK-398-8,9	—

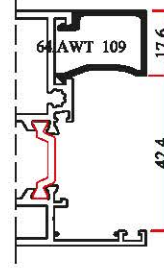
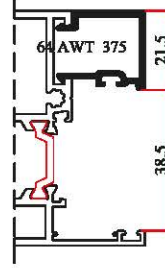
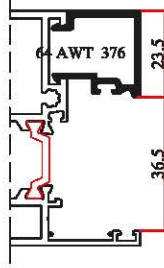
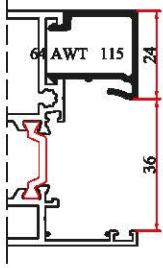
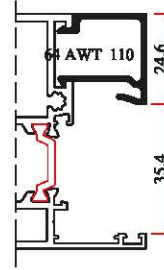
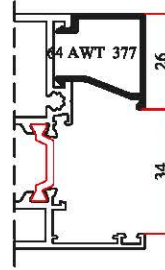
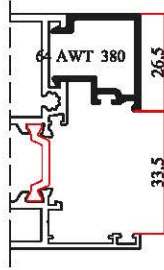
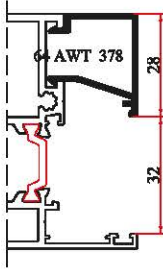
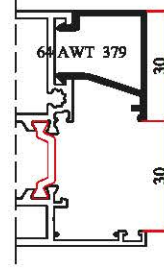
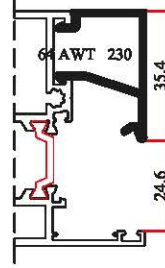
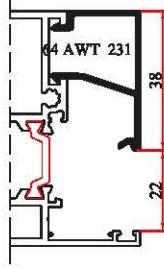
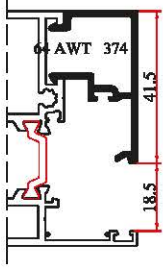
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64 AWT F42 İç Cam Fitiği UA AYK 02 USN 42 1 Kolide 12 kg/200 m			64 AWT F43 İç Cam Fitiği UA AYK 03 USN 43 1 Kolide 12 kg/164 m		
64 AWT F44 İç Cam Fitiği UA AYK 04 USN 44 1 Kolide 12 kg/197 m			64 AWT F46 USN 46 İç Cam Fitiği UA AYK SRY 06 1 Kolide 12 kg/255 m		
64 AWT F22 ORTA BİNI FITİLİ USN 22 1 Kolide 10 kg/51 m			64 AWT F06 DIŞ CAM VE BİNI FITİLİ USN 06 1 Kolide 10 kg/313 m		
64 AWT F24 DIŞ CAM VE BİNI FITİLİ USN 24 1 Kolide 10 kg/302 m			64 AWT F08 CAM ÇITASI BİNI FITİLİ USN 08 1 Kolide 12 kg/545 m		
64 AWT F07 CAM ÇITASI İZOLASYON FITİLİ USN 07 1 Kolide 12 kg/353 m			64 AWT A03 AYARLI İSPANYOLET KARŞILIĞI		
64 AWT A04 İSPANYOLET PİM TAKIMI			64 AWT A07 TAHLİYE TAPASI		
64 AWT A08 ÇOK NOKTADAN KİTLEME SİTEMİ			64 AWT A12 DİLLİ KİLİT		
64 AWT A16-M MAKARALI KİLİT KARŞILIĞI			64 AWT A15 KÖŞE ÇAVUŞU(1 mm)		
64 AWT A20 KAPI ALTI FIRÇASI			64 AWT A21 VASİSTAS MAKAS ALUMİNYUM		
64 AWT A17 MERPO SÖRGÜ			64 AWT A13 ÇİSSE VASİSTAS ÇİT ÇİT		

AKSESUAR KODU	AKSESUAR RESMİ	KULLANILDIĞI YER	AKSESUAR KODU	AKSESUAR RESMİ	KULLANILDIĞI YER
64 AWT A14 YENİ VASISTAS ÇARPMA			64 AWT A18 DİLLİ KİLİT KOLU		
64 AWT A18-1 KİLİT KOLU			64 AWT A18-2 DİLLİ KİLİT KOLU		
64 AWT A18-3 ÜNİVERSAL KOL DİLLİ YAYLI SOSİS KOL			64 AWT A19-14 LÜKS H KOL BEGÜM PLEKSI (60 CM)		
64 AWT A19 KÖŞELİ BÜKME KOL			64 AWT A19-1 KROM KÖŞELİ BÜKME KOL		
64 AWT A19-2 YARIMAY BÜKME KOL			64 AWT A19-3 YARIMAY DÖKÜM KOL		
64 AWT A19-4 BASTON KOL (25*900)			64 AWT A19-5 LAMA BANT KOL (90 CM)		
64 AWT A19-6 KÖŞELİ H KOL (50 CM)			64 AWT A19-7 KROM KÖŞELİ H KOL (50 CM)		
64 AWT A19-8 H KOL (50 CM)			64 AWT A19-9 KROM H KOL (50 CM)		
64 AWT A19-10 LÜKS H KOL BEGÜM ALÜMİNYUM (40 CM)			64 AWT A19-11 LÜKS H KOL BEGÜM ALÜMİNYUM (50 CM)		
55 AWT A19-12 LÜKS H KOL BEGÜM PLEKSI (40 CM)			64 AWT A19-13 LÜKS H KOL BEGÜM PLEKSI (50 CM)		

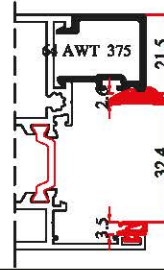
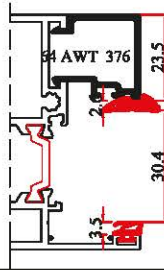
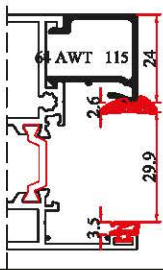
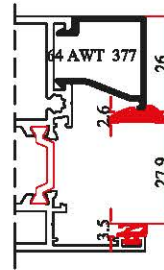
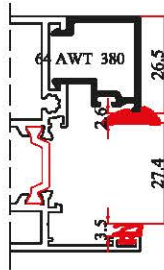
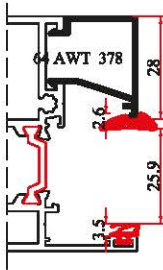
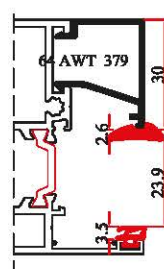
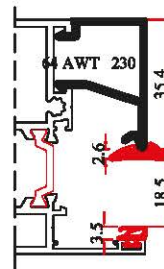
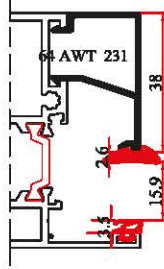
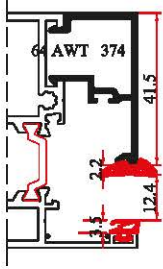
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64 AWT A01 EKSENEL TEK DİLLİ PENCERE KOLU			64 AWT A01-1 EKSENEL ÇİFT DİLLİ PENCERE KOLU		
64 AWT A01-2 PVC KANALLI ALÜMİNÜM PENCERE			64 AWT A28 ORTA KAYIT BAĞLANTI SACI		
64 AWT A25-1 PENCERE MENTEŞE PVC ve Normal			64 AWT A25 PENCERE MENTEŞE PVC ve Normal		
64 AWT A9 PENCERE MENTEŞESİ			64 AWT A9-1 PENCERE PVC MENTEŞE		
64 AWT A10 PENCERE MENTEŞESİ			64 AWT A10-1 PENCERE PVC MENTEŞE		
64 AWT A11 KAPI MENTEŞESİ			64 AWT A11-1 KAPI MENTEŞESİ		
64 AWT A11-2 KAPI MENTEŞESİ			64 AWT A06 ISI YALITIMLI PVC ÇİFT AÇILIM		
64 AWT A05 ISI YALITIMLI ÇİFT AÇILIM			64 AWT A53 BİLYALI MANDALLI BAREL(68 MM)		
64 AWT A54 TOKMAKLI BAREL (68 MM)			64 AWT A55-1 TOKMAKLI BAREL (90 MM)		
64 AWT A15-1 KÖŞE ÇAVUŞU(0.8 mm)			64 AWT A59 KAPI STOPU		

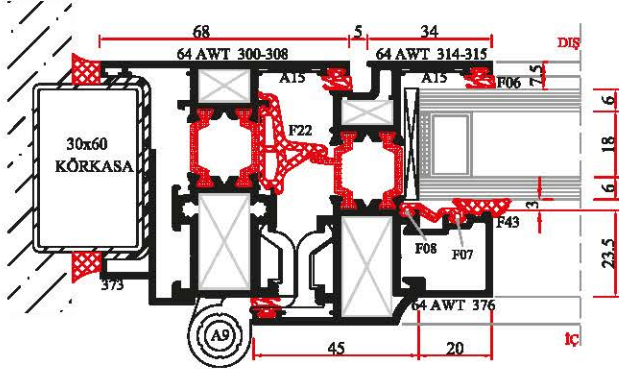
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64 AWT A31 ÇİFT AÇILIR KANAT ADAPTÖR KAPAĞI (340-341 NOLU ADAPTÖR)			64 AWT A32 ÇİFT AÇILIR KANAT ADAPTÖR KAPAĞI (341-1497 NOLU ADAPTÖR)		
64 AWT A57 TRAJLI OTOMATİK KİLİT (PASLANMAZ/ÇİPLİ)			64 AWT A56 KAPI HİDROLİĞİ (41 MM)		
64 AWT A50 SLİKON (ŞEFFAF/BEYAZ)			64 AWT A58 DAMLALIK PLASTİĞİ (MENFEZ PLASTİĞİ)		
64 AWT A51 MASTİK (DIŞ KISIM DOĞRAMA)					
64 AWT A52 SLİKON TABANCASI					

CAM ÇİTA PROFİLLERİ / GLAZING BEAD PROFILES

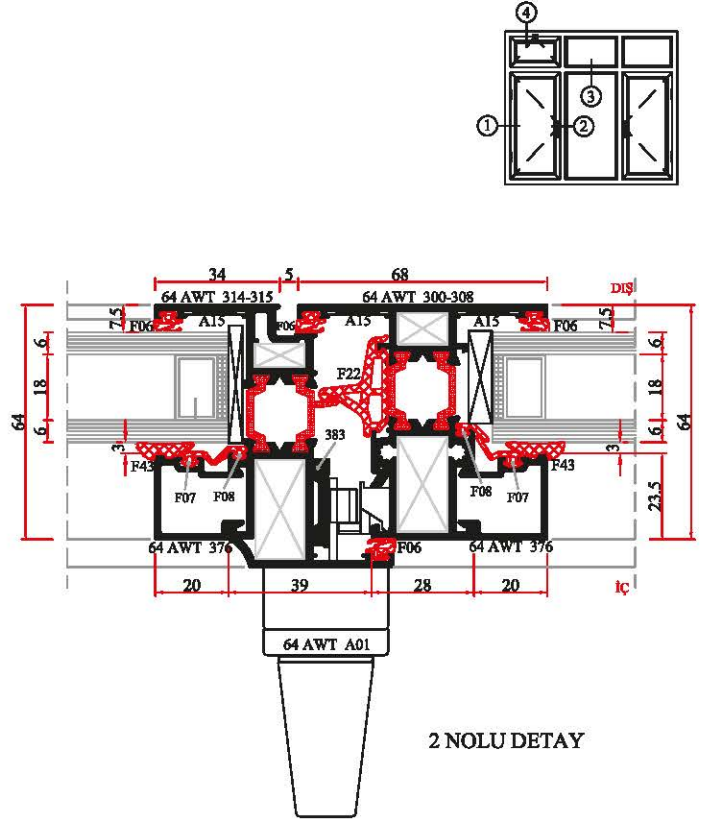


CAM ÇİTA PROFİLLERİ / GLAZING BEAD PROFILES





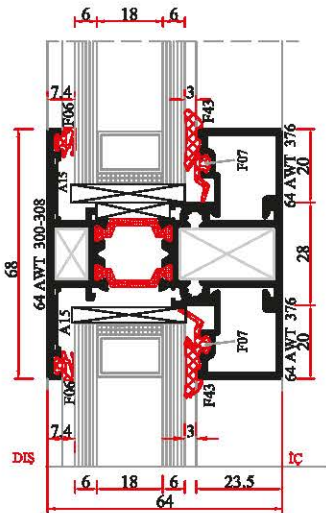
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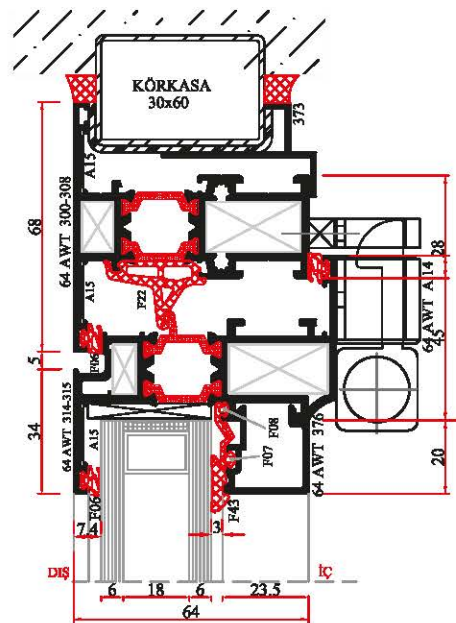
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ÖLÇEK:1/2



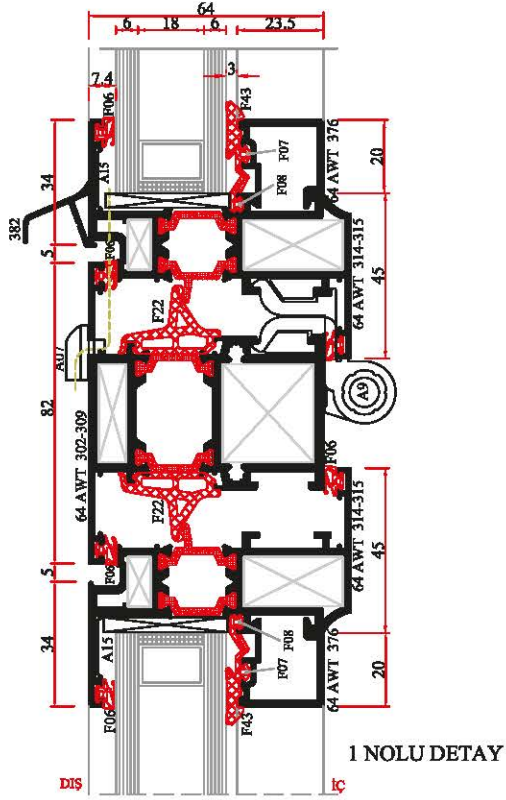
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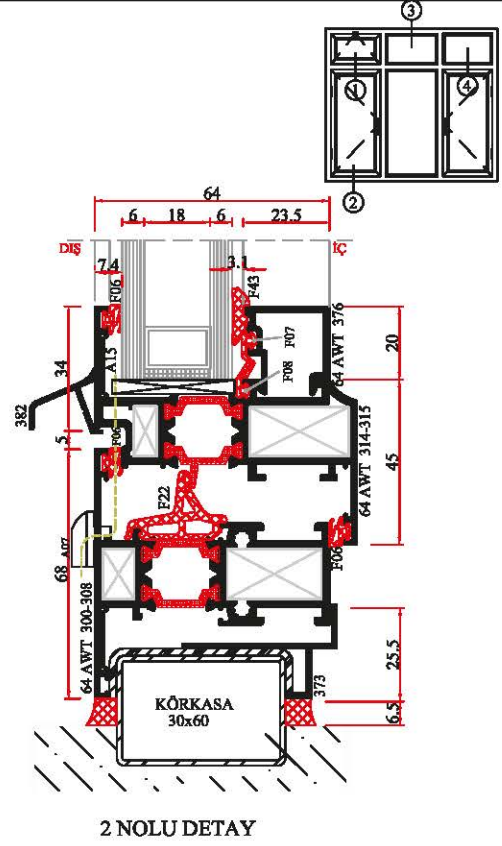
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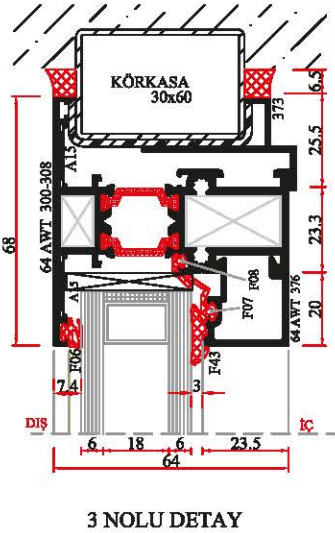
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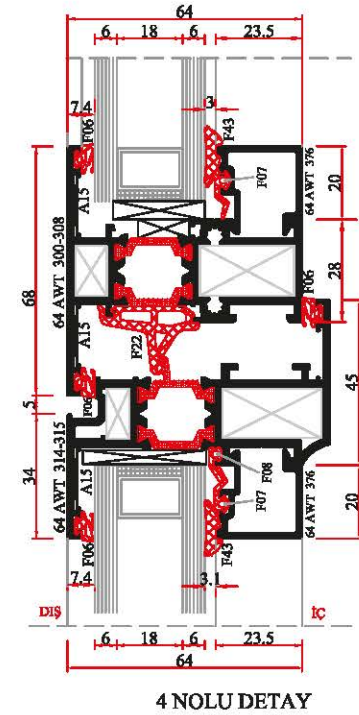
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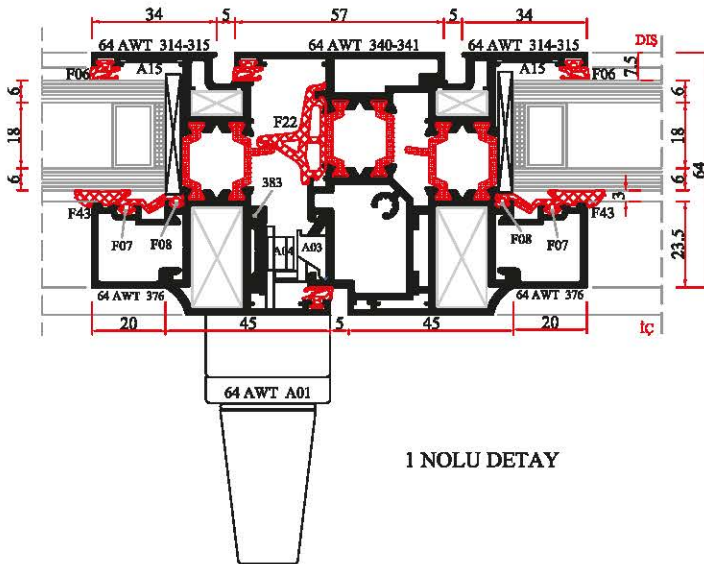
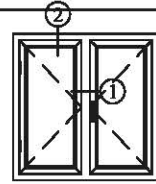
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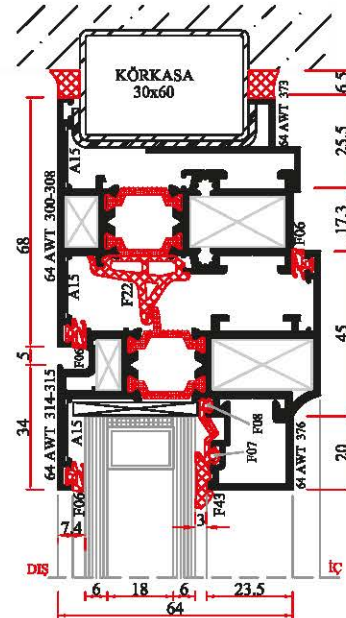


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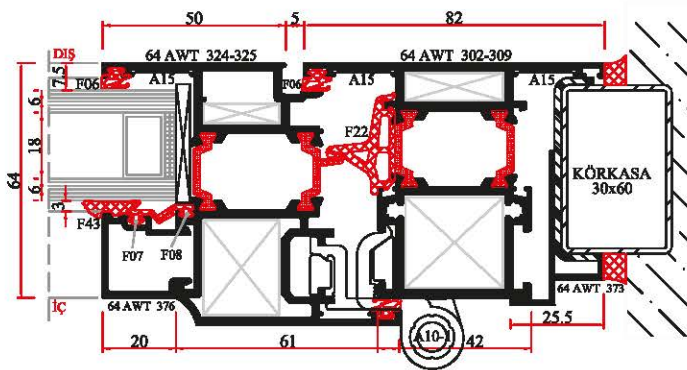
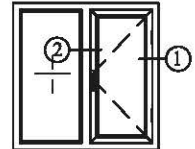
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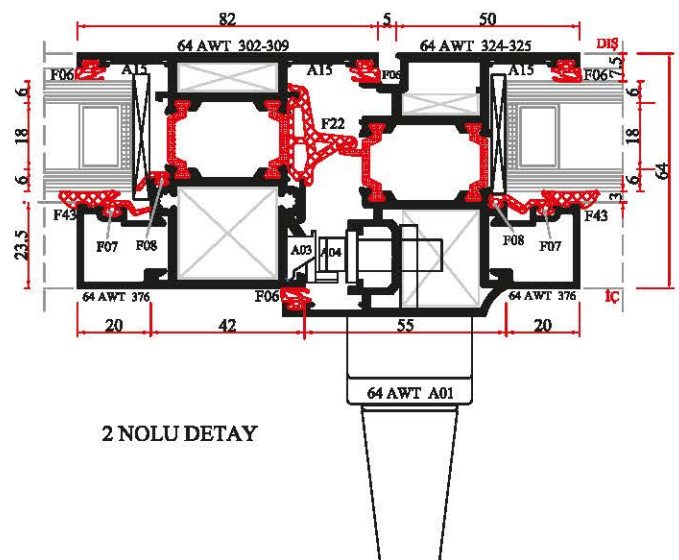
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1 NOLU DETAY

ÖLÇEK:1/2



2 NOLU DETAY

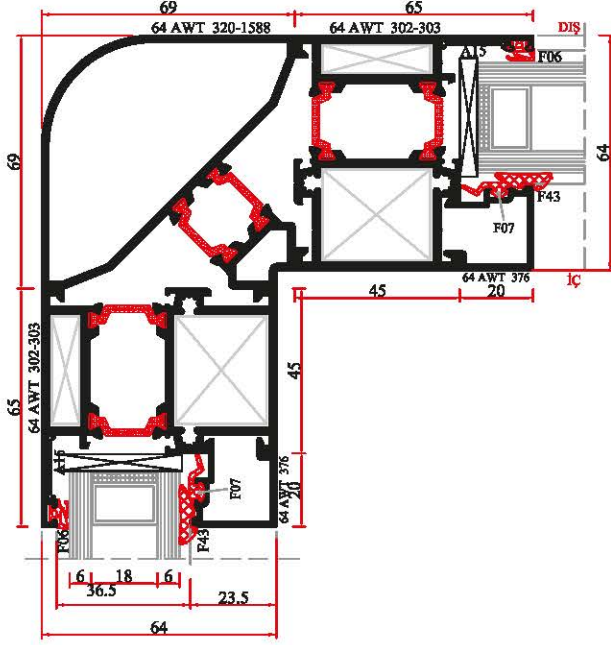
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AWT 64

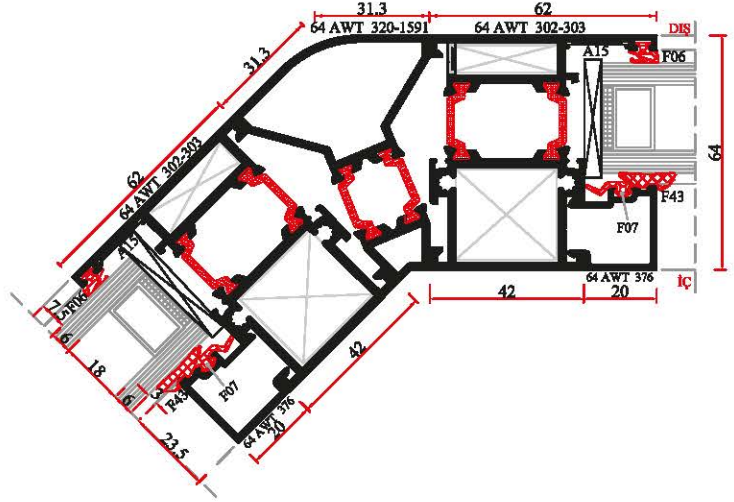


ARWIS YALITIMLI SİSTEM SERİSİ ARWIS INSULATED SYSTEM SERIES

SİSTEM DETAYLARI / SYSTEM DETAILS

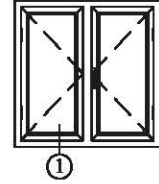
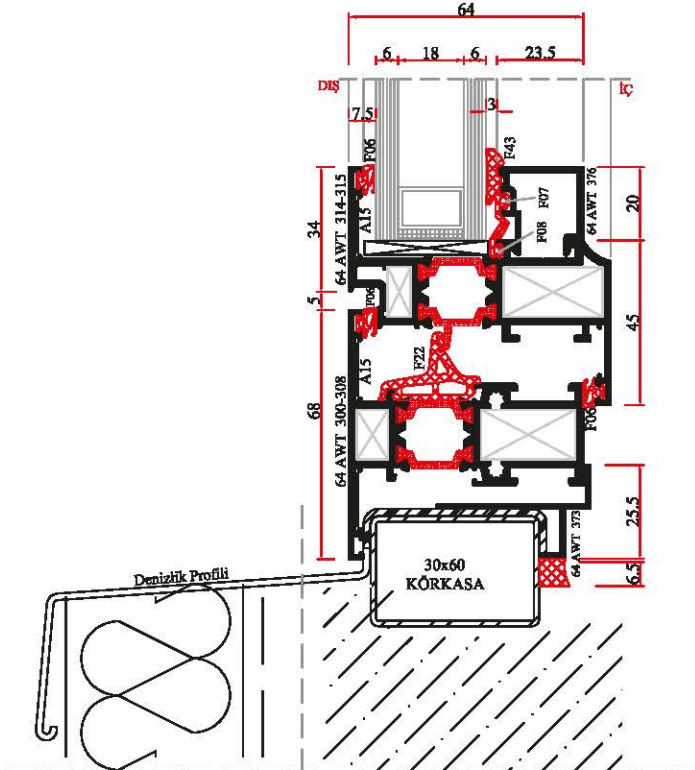


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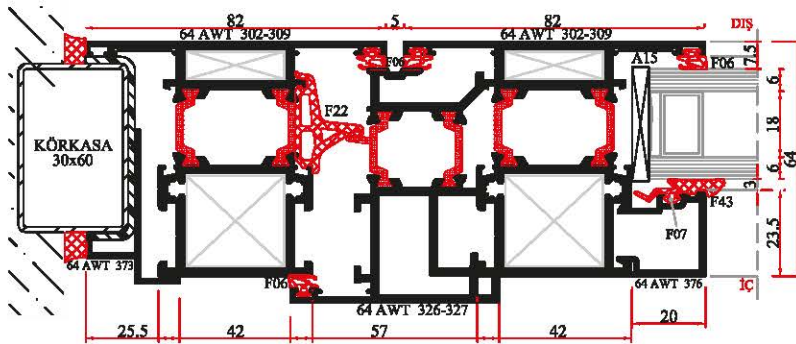
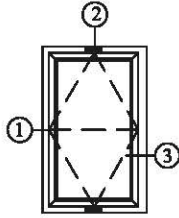
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SİSTEM DETAYLARI / SYSTEM DETAILS



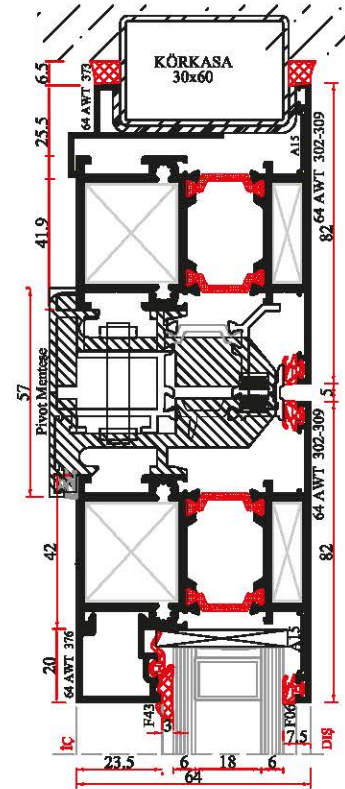
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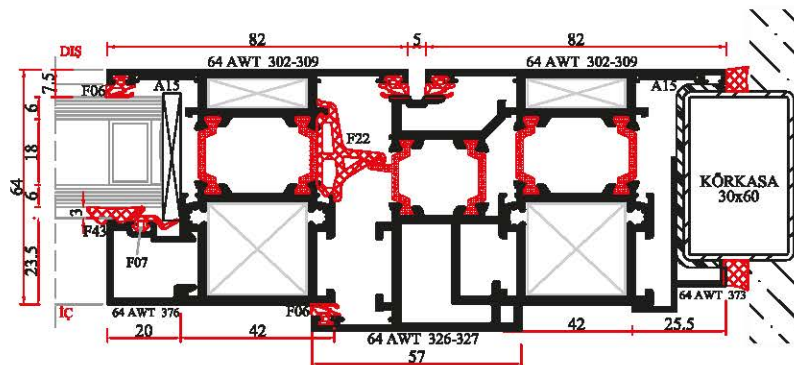
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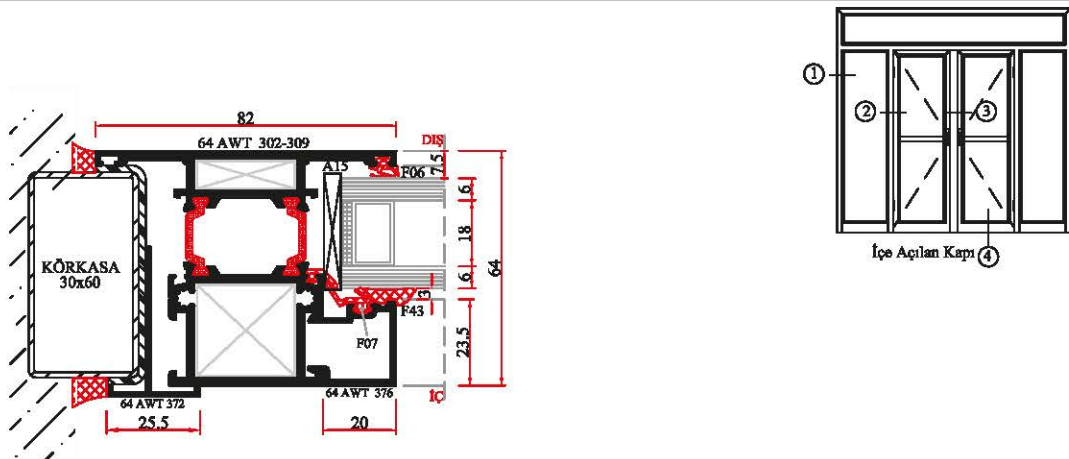
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SİSTEM DETAYLARI / SYSTEM DETAILS

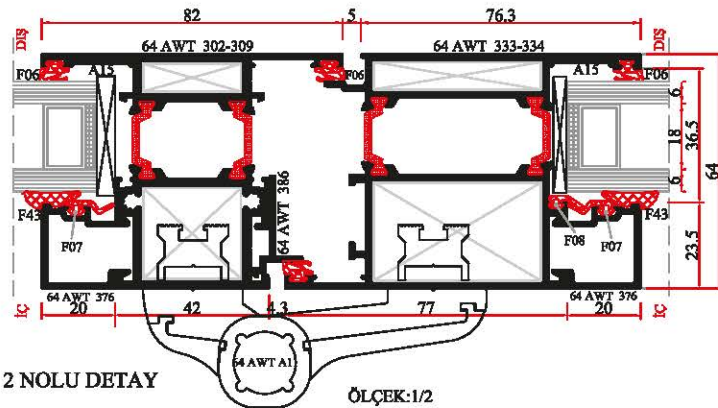


3 NOLU DETAY

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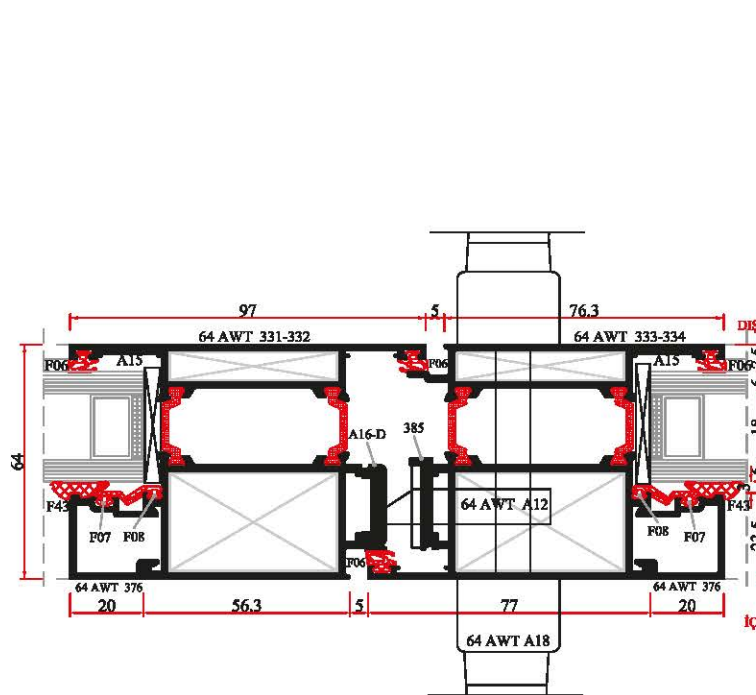


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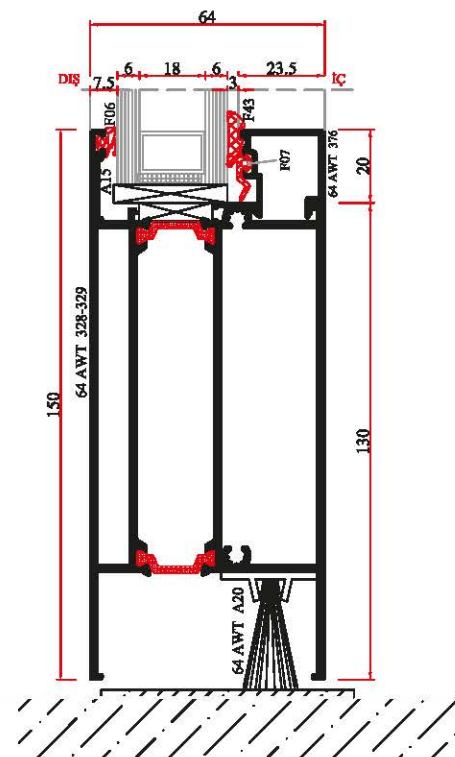
ÖLÇEK:1/2

ÖLÇEK:1/2

SİSTEM DETAYLARI / SYSTEM DETAILS

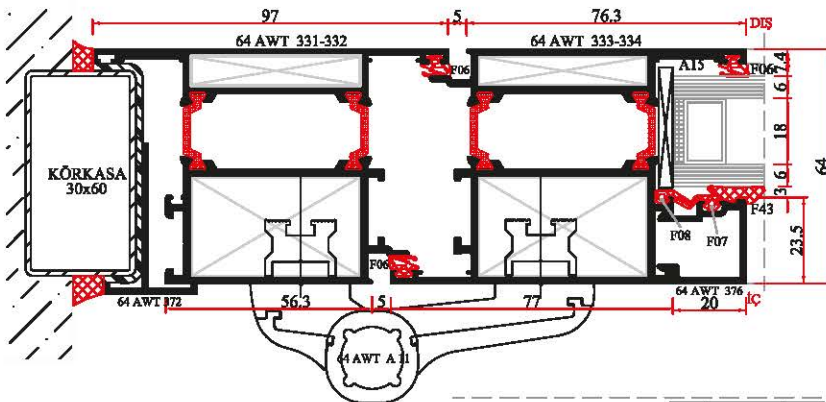


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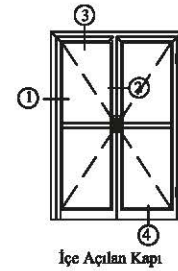


4 NOLU DETAY

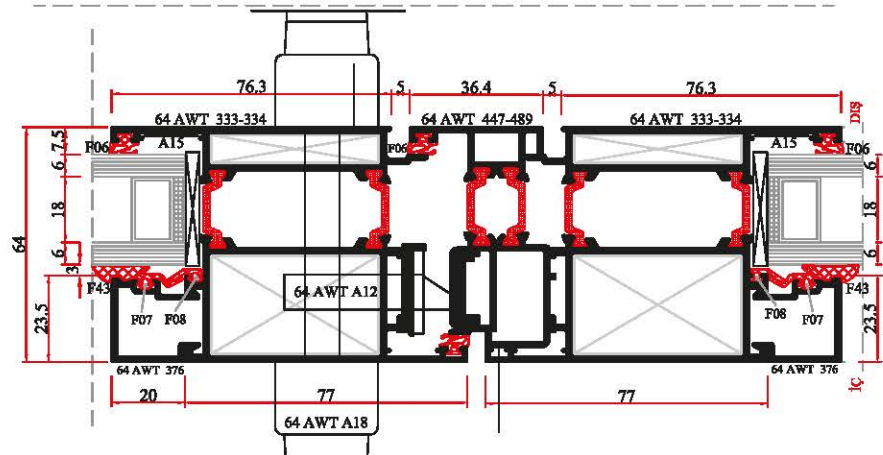
ÖLÇEK:1/2



1 NOLU DETAY



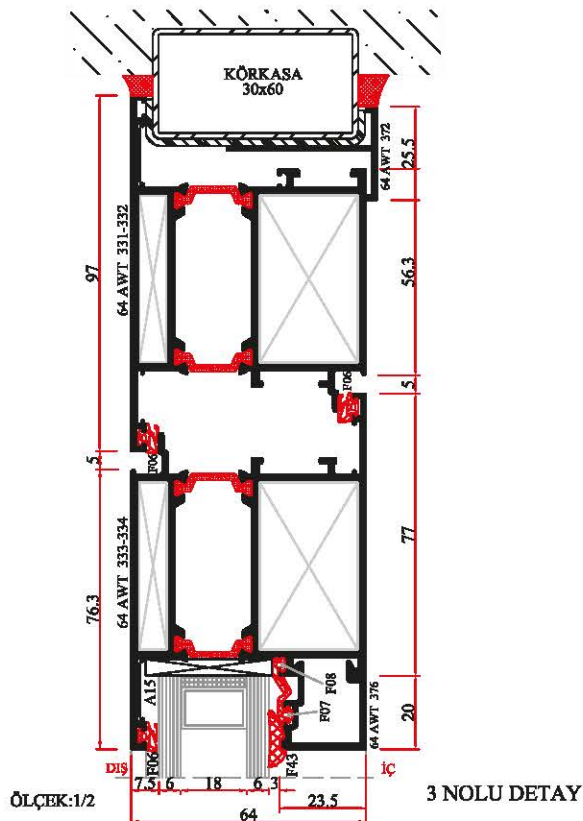
İçe Açılan Kapı



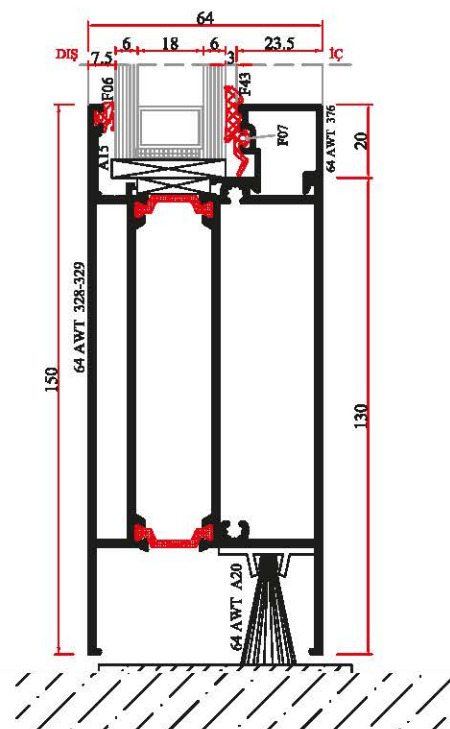
2 NOLU DETAY

ÖLÇEK:1/2

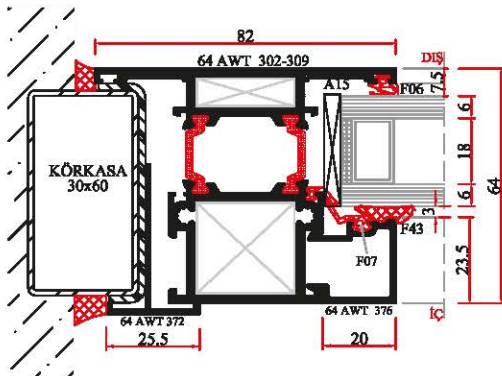
SİSTEM DETAYLARI / SYSTEM DETAILS



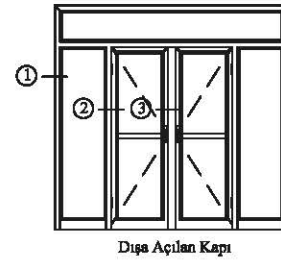
3 NOLU DETAY



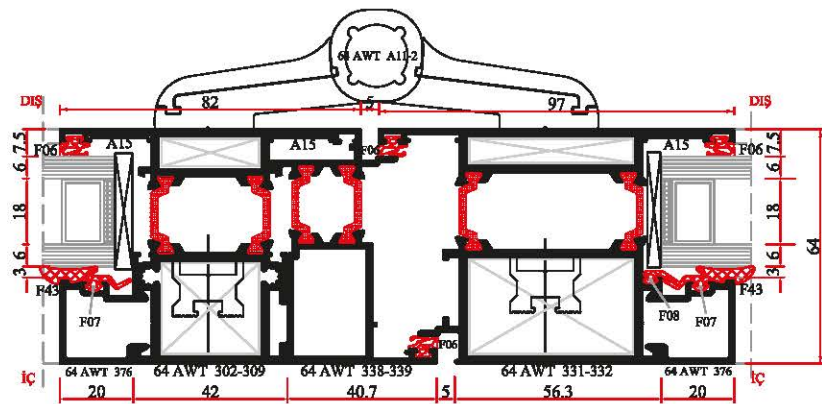
4 NOLU DETAY



1 NOLU DETAY

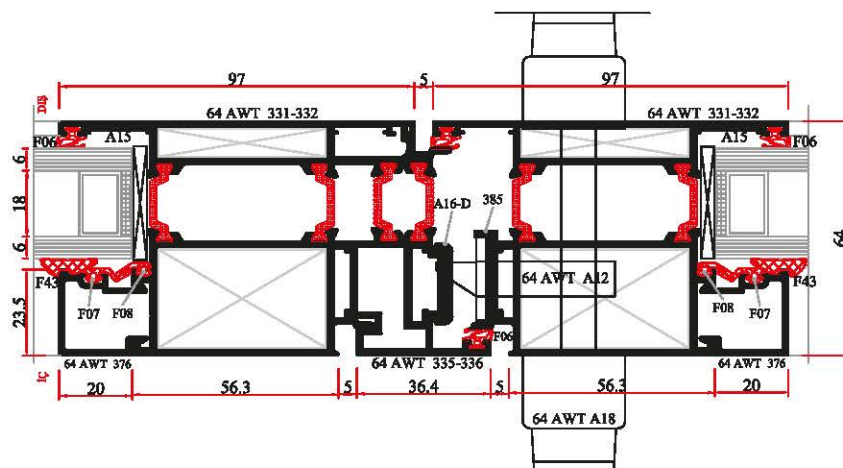


Dışa Açılan Kapı



2 NOLU DETAY

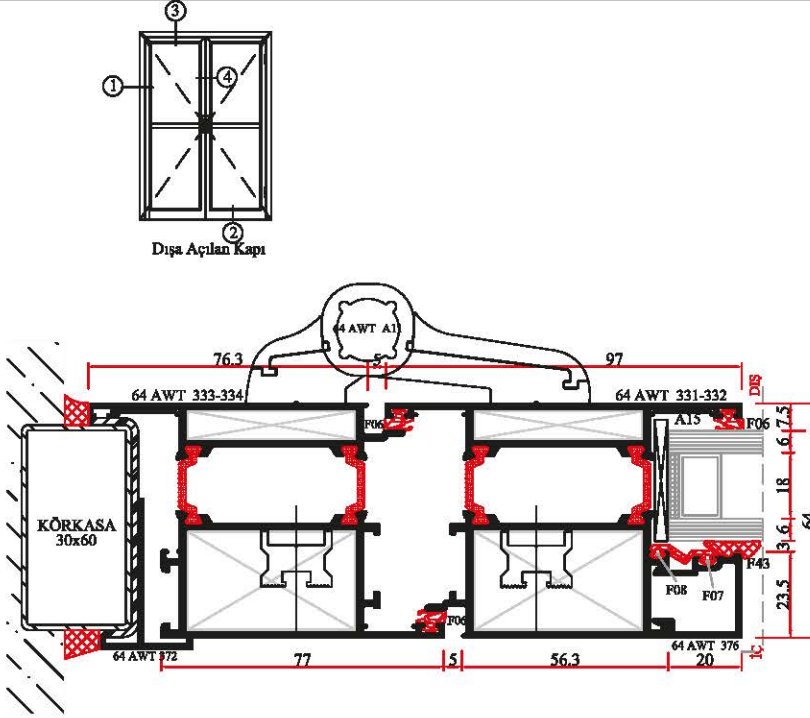
ÖLÇEK:1/2



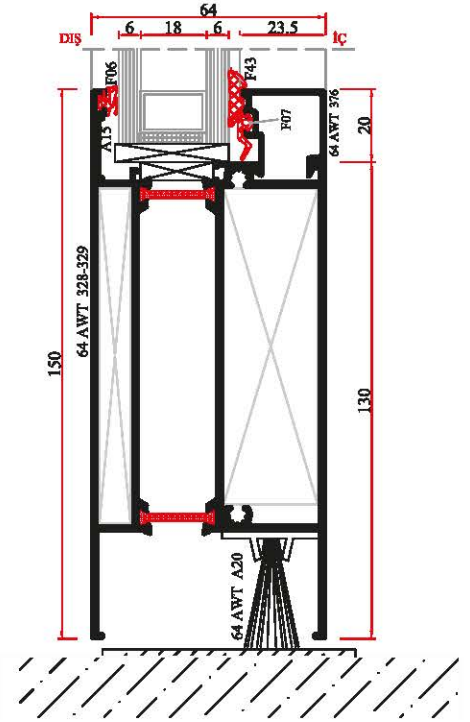
3 NOLU DETAY

ÖLÇEK:1/2

SİSTEM DETAYLARI / SYSTEM DETAILS



1 NOLU DETAY

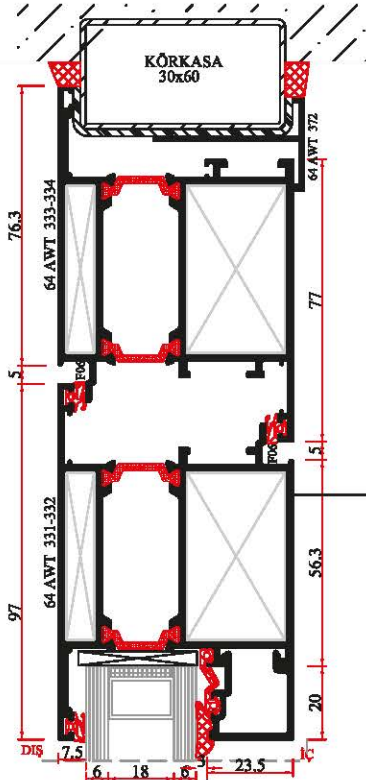


2 NOLU DETAY

ÖLÇEK:1/2

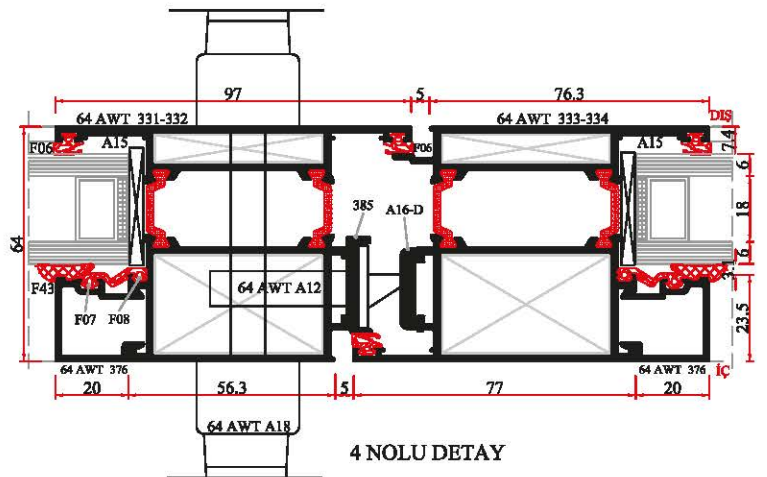
ÖLÇEK:1/2

SİSTEM DETAYLARI / SYSTEM DETAILS



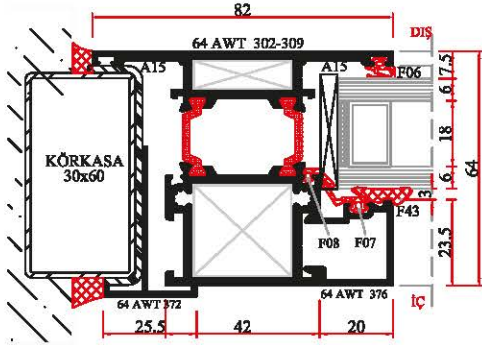
3 NOLU DETAY

ÖLÇEK:1/2

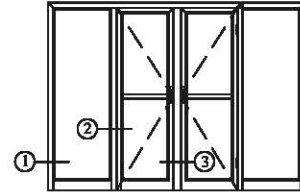


4 NOLU DETAY

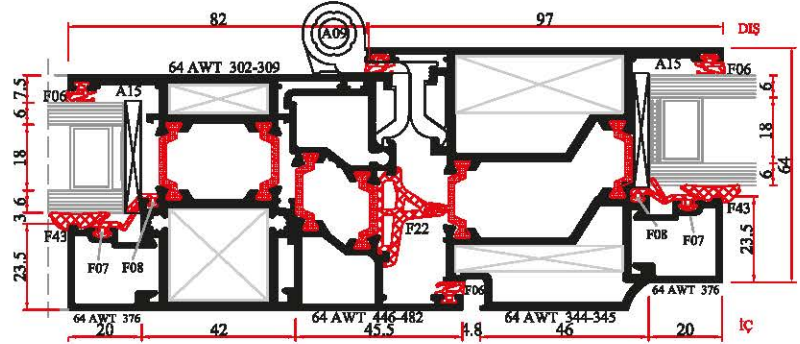
ÖLÇEK:1/2



1 NOLU DETAY

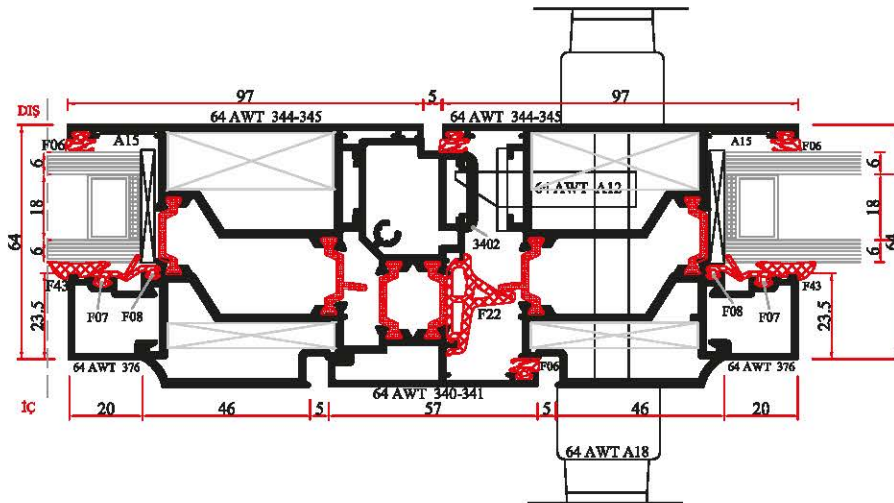


Binili Dış Açılan Kapı



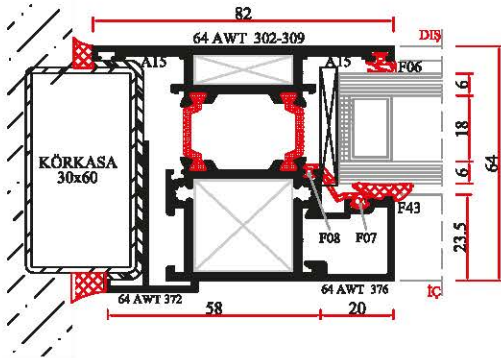
2 NOLU DETAY

ÖLÇEK:1/2

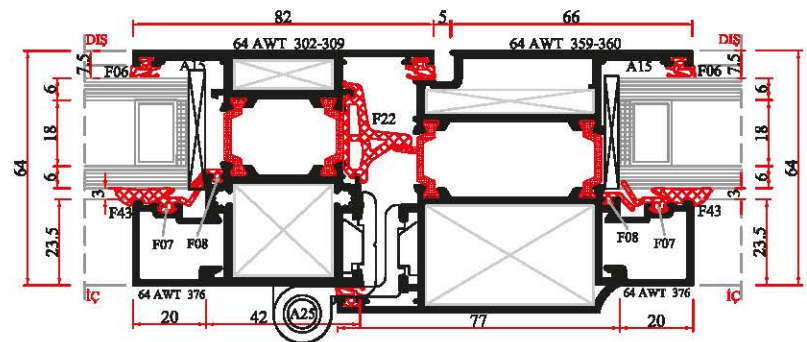
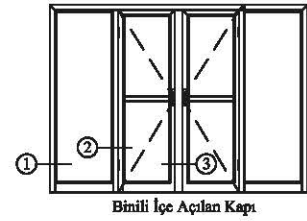


3 NOLU DETAY

ÖLÇEK:1/2



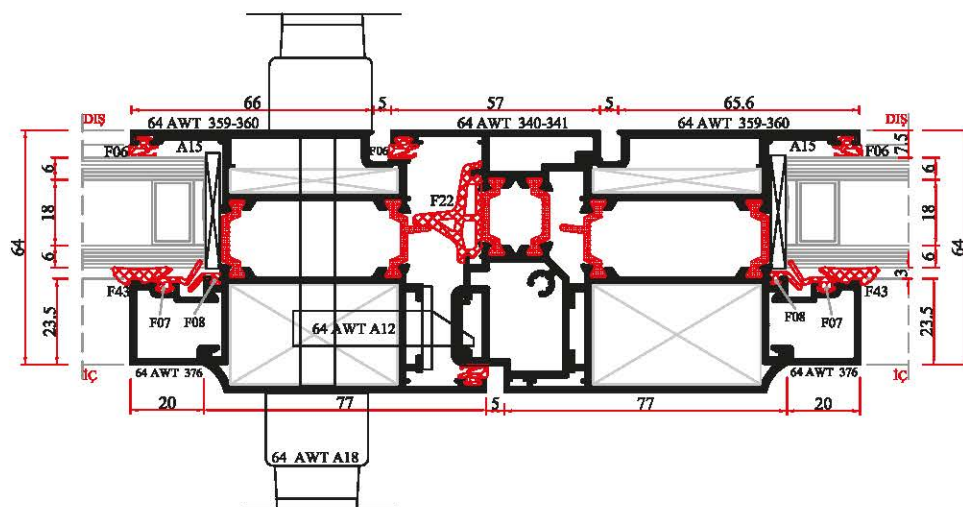
1 NOLU DETAY



2 NOLU DETAY

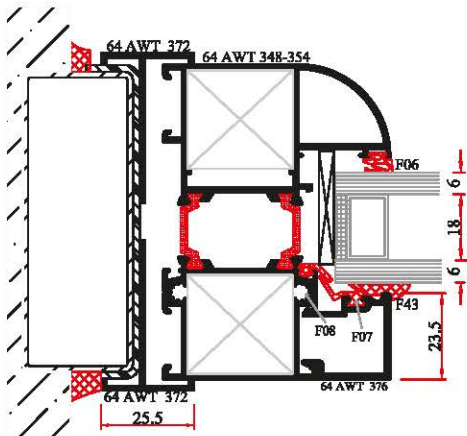
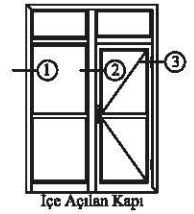
ÖLÇEK:1/2

SİSTEM DETAYLARI / SYSTEM DETAILS

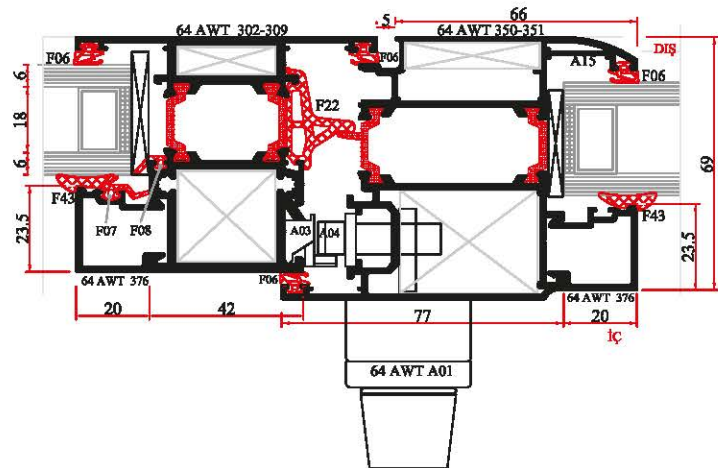


3 NOLU DETAY

ÖLÇEK:1/2



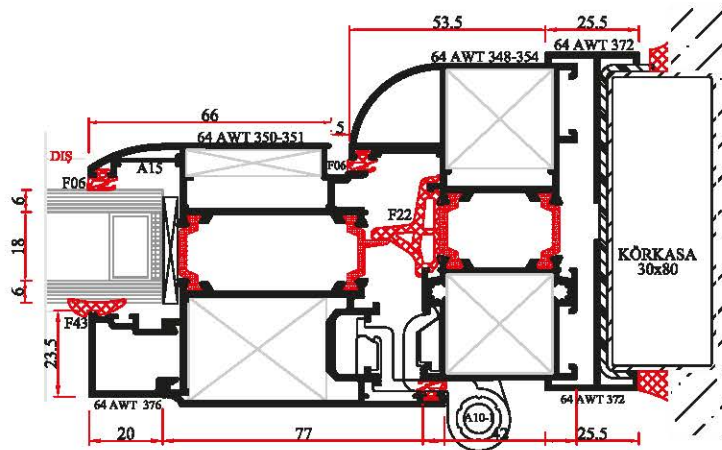
1 NOLU DETAY



2 NOLU DETAY

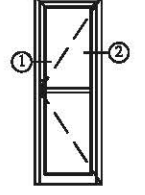
ÖLÇEK:1/2

SİSTEM DETAYLARI / SYSTEM DETAILS

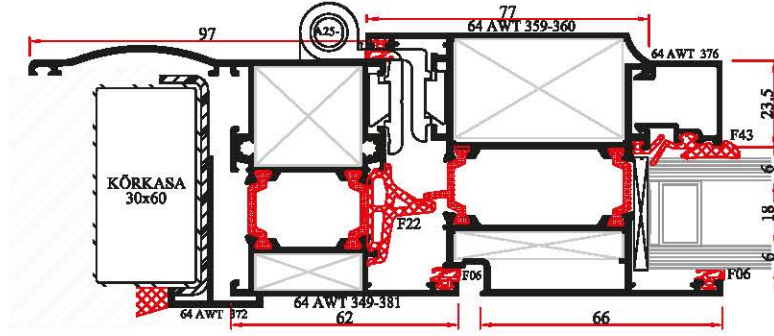


3 NOLU DETAY

ÖLÇEK:1/2

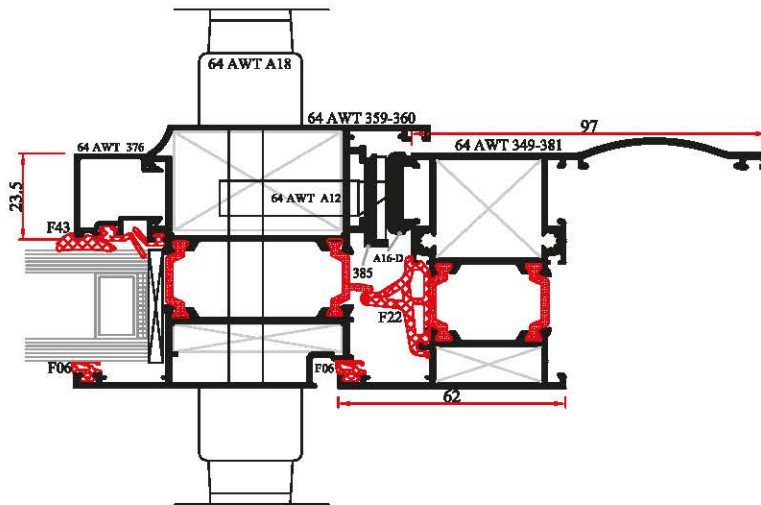


Binili İçer Açılan Kapı



1 NOLU DETAY

ÖLÇEK: 1/2



2 NOLU DETAY

ÖLÇEK: 1/2