VEI GROUP

Şantiye Kataloğu

Site Catalogue

VEI
GROUP





Vizyonumuz;

Türkiye'nin prefabrik algısını değiştirecek kaliteli üretim anlayışını sürdürmek.

Our Vision;

Is to continue with high level quality manufacturing that may change Turkey's prefabricated house perception.

Hedeflerimiz;

Ürünlerimizi mülterilerimiz için maksimum fayda sağlayacak şekilde tasarlayıp üretmek, müşteri memnuniyetini faaliyetimizin temel taşı olarak kabul ederek satış sonrası hizmetleriyle farklılaşmak, lüks olarak görülen hizmetleri standartlaştırarak müşterilerimize, kaliteli ve güler yüzlü hizmet sunmak, Türkiye ve Dünya'nın farklı bölgelerinde ağır ve sağlam adımlar atarak hedef pazarlara kalite farklılığımızı göstermektir.

Our Target;

Is to design and manufacture such a way that customer can get maximum usage. Customer satisfaction is our main global by providing them after sale service and quality and show Turkish and World market that we are different then others.

Kapasite;

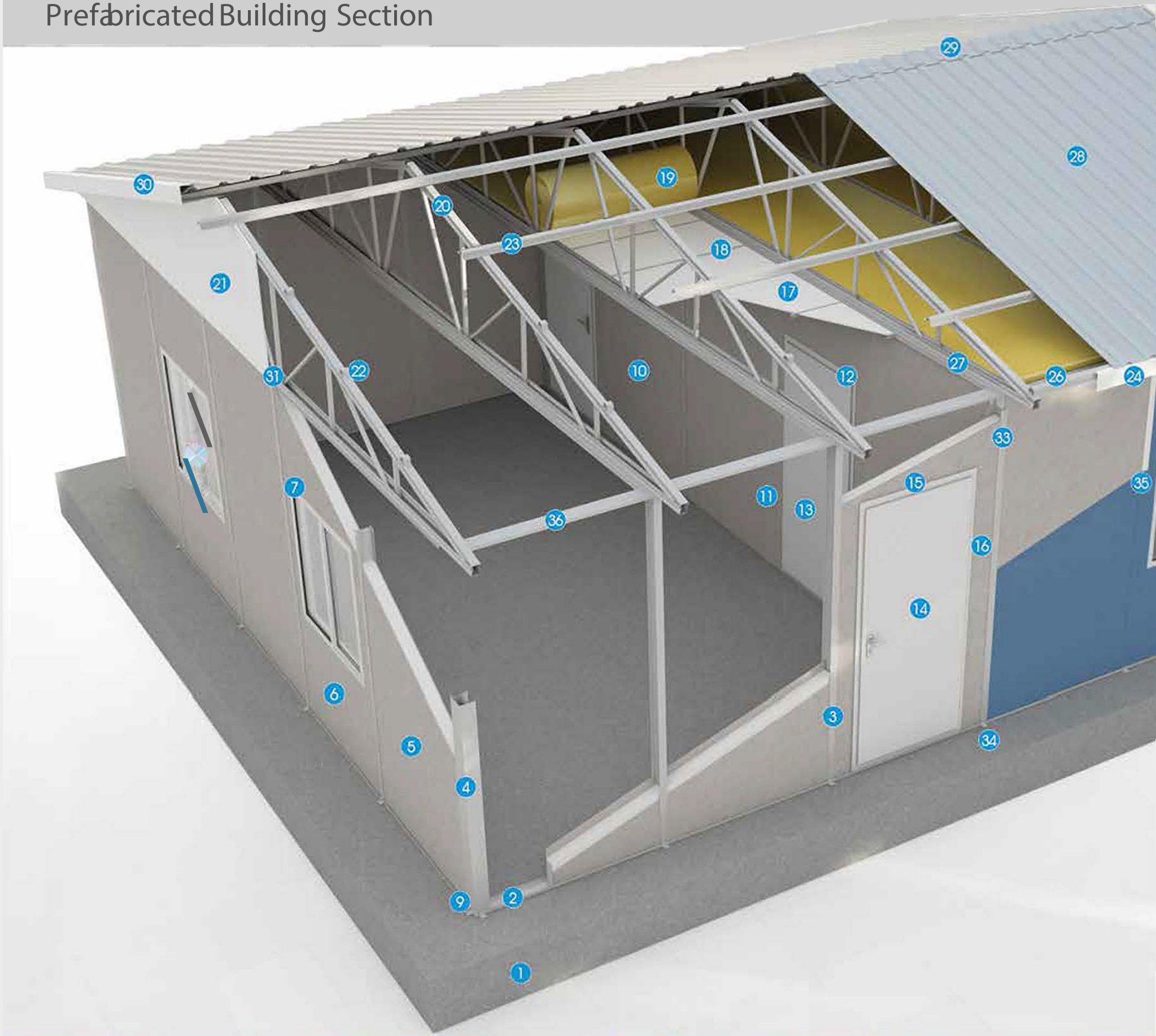
Villa Yapı, Kocaeli Gebze'de 10.000m^2 kapalı, 10.000m^2 açık, ön üretimli prefabrik yapılarda 30.000m^2, depo, hangar yapılarında 10.000m^2, konteyner üretiminde ise aylık 300 adet kapasitesiyle faaliyetlerini sürdürmektedir.

Our Capacity;

Having a 10.000 sqm closed and 10.000 sqm open area, our monthly prefabricated building capacity is 30.000 sqm, container capacity is 300 pieces and Steel construction capacity is 10.000 sqm.

Prefabrik Bina Kesiti

Prefabricated Building Section



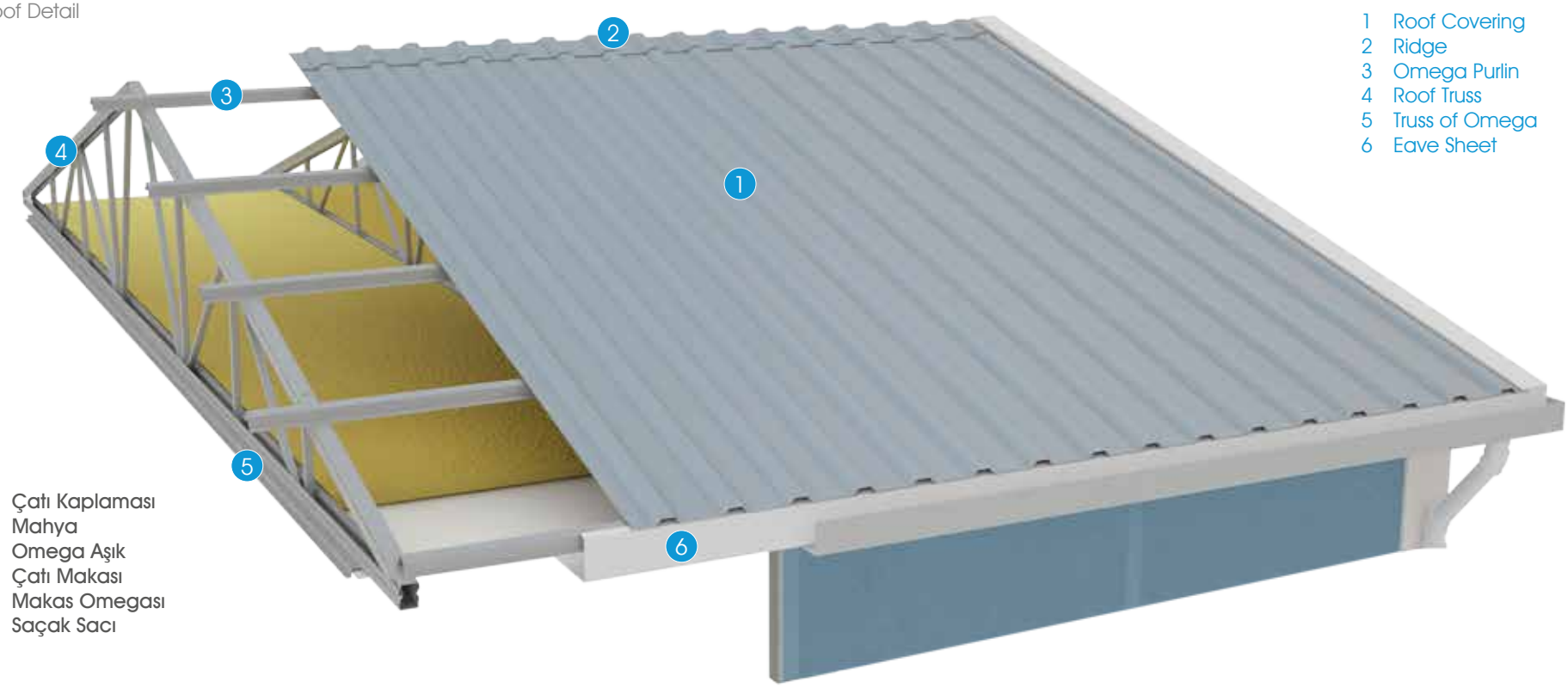


1	Zemin Betonu	1	Ground Concrete
2	Alt Çerçeve	2	Bottom Frame
3	"H"Direk	3	"H" Post
4	Köşe Direği	4	Corner Post
5	Dış Duvar Panosu	5	External Wall Panel
6	Pencereli Pono	6	Panel with window
7	Pencere Çerçevesi	7	Window frame
8	PVC Pencere	8	PVC window
9	Köşe Direği Kulagı	9	Ear of corner post
10	İç Duvar Panosu	10	Internal Wall Panel
11	İç Kapı Panosu	11	Interior door panel
12	İç Kapı Kasası	12	Interior door Frame
13	İç Kapı / MDF Lam	13	Interior door / MDF LAM
14	Dış Kapı	14	Exterior Door
15	Dış Kapı Kasası	15	Exterior Door Frame
16	Dış Kapı Panosu	16	External Wall Panel
17	Asma Tavan Alçıpanı	17	Suspended celling gypsumboard
18	Tavan Birleştirme “H” si	18	“H” joint profile for celling
19	Cam Yünü İzolasyonu	19	Glass wool Insulation
20	Çelik Makas	20	Steel Truss
21	Baş Makas	21	Head Truss
22	Aşık Kulağı	22	Ear of Purlin
23	Omega Aşık	23	Omega Purlin
2d	Saçak Omegası	24	Eave Omega Profile
25	PVC Dere	25	PVC Gutler
26	Omega Aşık	26	Omega Purlin
27	Makas Omegası	27	Truss Omega Profile
28	0.5 mm Galvaniz Sac / Boyalı Galvaniz Sac	28	0.5 mm Galvanized Sheet / Painted Galvanized Sheet
29	Mahya	29	Ridge
30	Baş Makas “V”si	30	“V”profile for Head Truss
31	Baş Makas Omegası	31	Head Truss oega profile
32	Dere İnişi	32	Gutter Landing
33	Üçlü “H”	33	Triple“H” profile
34	“H” Kulağı	34	Ear of “H” Profile
35	PVC “H” Kapağı	35	PVC “H” Cover
36	Saçak Sacı	36	Eave Sheet

Prefabrike Yapı Duvar ve Çatı Detayları

Prefabricated Structure Wall and Roof Details

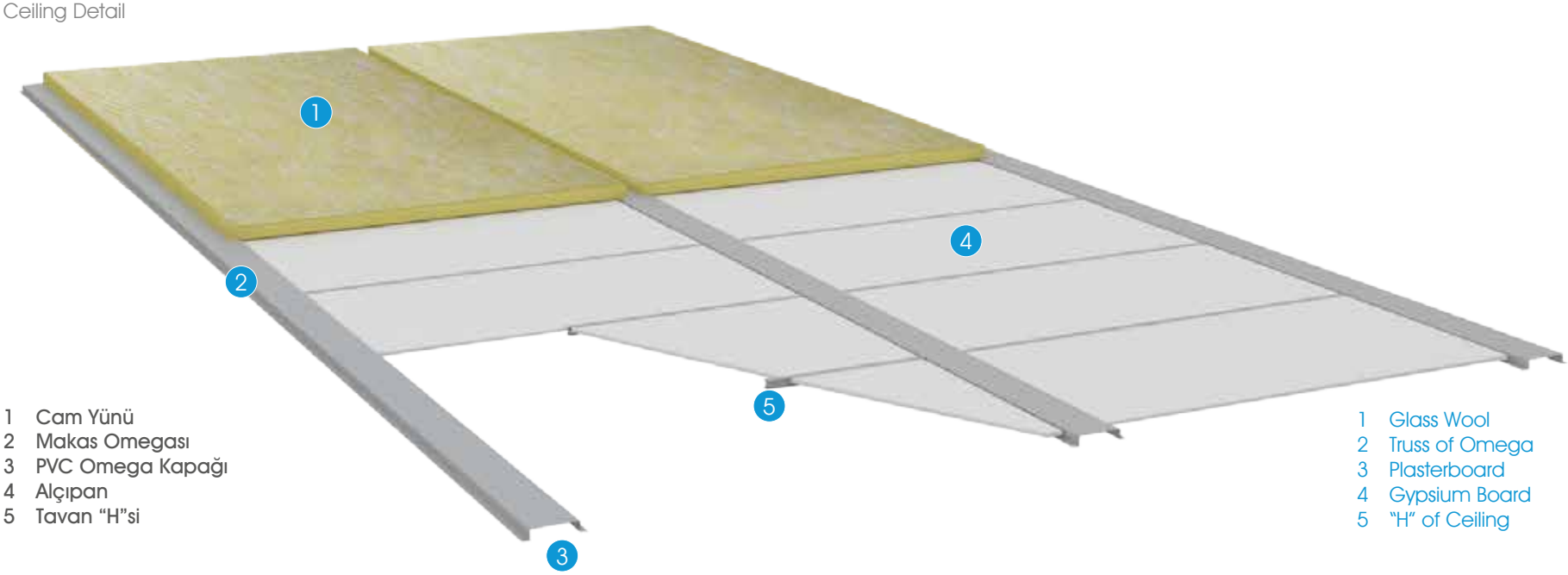
Çatı Detayı
Roof Detail



1 Çatı Kaplaması
2 Mahya
3 Omega Aşık
4 Çatı Makası
5 Makas Omegası
6 Saçak Sacı

1 Roof Covering
2 Ridge
3 Omega Purlin
4 Roof Truss
5 Truss of Omega
6 Eave Sheet

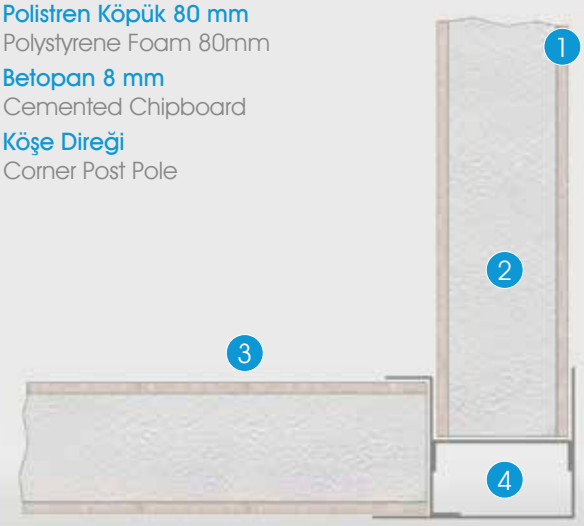
Tavan Detayı
Ceiling Detail



1 Cam Yünü
2 Makas Omegası
3 PVC Omega Kapağı
4 Alçıpan
5 Tavan "H"si

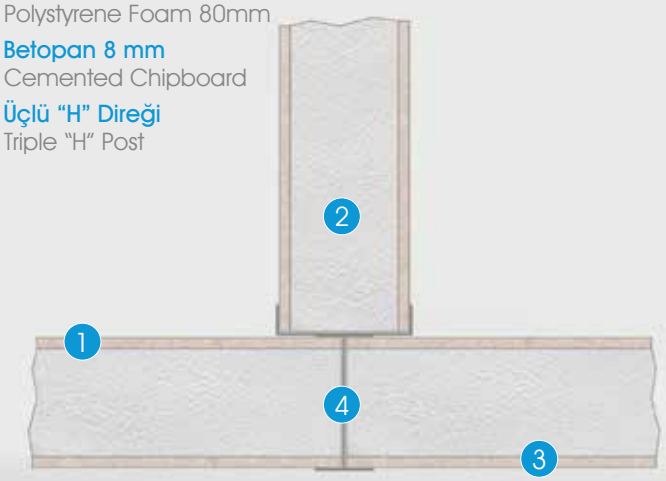
1 Glass Wool
2 Truss of Omega
3 Plasterboard
4 Gypsium Board
5 "H" of Ceiling

1 **Betopan 8 mm**
Cemented Chipboard
2 **Polistren Köpük 80 mm**
Polystyrene Foam 80mm
3 **Betopan 8 mm**
Cemented Chipboard
4 **Köşe Direği**
Corner Post Pole



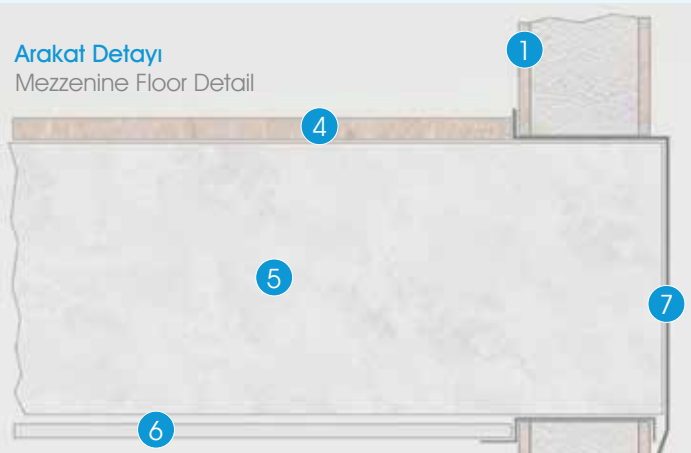
Köşe Birleşim Detayı
Corner Junction Detail

1 **Betopan 8 mm**
Cemented Chipboard
2 **Polistren Köpük 80 mm**
Polystyrene Foam 80mm
3 **Betopan 8 mm**
Cemented Chipboard
4 **Üçlü "H" Direği**
Triple "H" Post



Duvar Bölme Detayı
Wall Division Detail

Arakat Detayı
Mezzenine Floor Detail



1 **Betopan 8 mm**
Cemented Chipboard
2 **Polistren Köpük 80 mm**
Polystyrene Foam 80mm
3 **Betopan 8 mm**
Cemented Chipboard
4 **Betopan 16 mm**
Chipboard
5 **Arakat Kons.**
200 mm Mezzenine Floor Const.
6 **Alçıpan 12 mm**
Gypsium Board
7 **Arakat "Z"** Mezzenine Floor "Z" Profil

1 **Betopan 8 mm**
Cemented Chipboard
2 **Polistren Köpük 80 mm**
Polystyrene Foam 80mm
3 **Betopan 8 mm**
Cemented Chipboard
4 **"H" Direği**
"H" Post



"H" Birleşim Detayı
"H" Junction Detail

Prefabrik Bina Duvar Paneli 60&100mm

Prefabricated Wall Building Panel

İzolasyon
16 kg / m³
Polistren Köpük
Polystyrene Foam

8mm Betopan
8 mm Cemented Chipboard



Pres Panel Pres Panel

İzolasyon
16 kg / m³
Polistren Köpük
Polystyrene Foam

8mm Betopan
8 mm Cemented Chipboard
+
Boyalı Ral 9002
Paint Sheet Ral 9002



Betopan+Sac Panel Cemented Chipboard+Sheet Panel

İzolasyon
16 kg / m³
Polistren Köpük
Polystyrene Foam

Boyalı Ral 9002
Paint Sheet Ral 9002
+
Boyalı Ral 9002
Paint Sheet Ral 9002



Sac Panel+Sac Panel Sheet Panel+Sheet Panel

İzolasyon
16 kg / m³
Polistren Köpük
Polystyrene Foam

8mm Betopan
8 mm Cemented Chipboard



Karkaslı Panel Framed Panel

İzolasyon
40 kg / m³
Taş Yünü
Rock Wool

8mm Betopan
8 mm Cemented Chipboard
+
Boyalı Ral 9002
Paint Sheet Ral 9002



Betopan+Sac Panel Cemented Chipboard+Sheet Panel

İzolasyon
40 kg / m³
Taş Yünü
Rock Wool

Boyalı Ral 9002
Paint Sheet Ral 9002
+
Boyalı Ral 9002
Paint Sheet Ral 9002



Betopan+Sac Panel Cemented Chipboard+Sheet Panel

İzolasyon
40 kg / m³
Taş Yünü
Rock Wool

8mm Betopan
8 mm Cemented Chipboard



Karkaslı Panel Framed Panel



Dolu Panel
Whole Panel
1250x2500/2800/3000



Pencereli Panel
Wall Panel With Window
1250x2500/2800/3000



Alüminyum Kapılı Panel
Wall Panel With Door
1250x2500/2800/3000



Sac Kapılı Panel
Wall Panel With Door
1250x2500/2800/3000



Vasistaslı Panel
Wall Panel With Transom
1250x2500/2800/3000





Projelerimiz

Our Projects







Projelerimiz
Our Projects

Yenişehir Gayrimenkul / Konya
Yenişehir Gayrimenkul / Konya









Dağ Mühendislik / Konya

Dağ Mühendislik / Konya












T.C.
ÇAYIROVA BELEDİYESİ
PARK ve BAHÇELER MÜDÜRLÜĞÜ EK BİNA
















SAHA ŞEFİ


F


BOĞAZİCİ


Kahve Dünyası







Prefabrik Ofis Planları

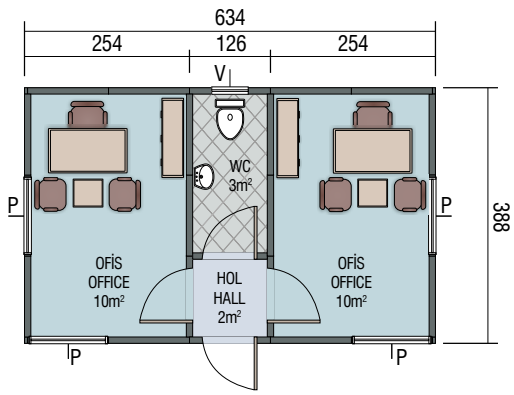
Prefabricated Office Plans



Prefabrik Ofis Planları
Prefabricated Office Plans

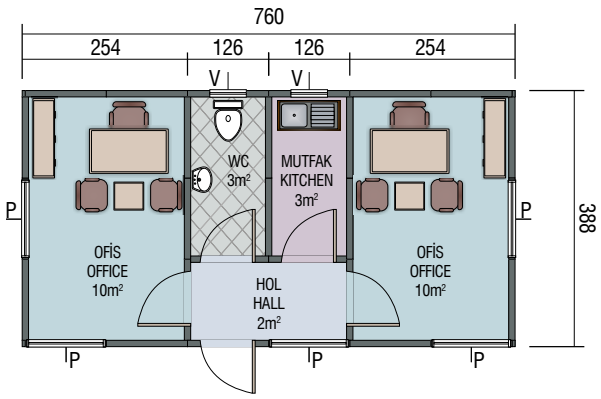
VPO-01 Prefabrik Ofis 25 m²
Prefabricated Office 25 m²





VPO-02 Prefabrik Ofis 30 m²
Prefabricated Office 30 m²

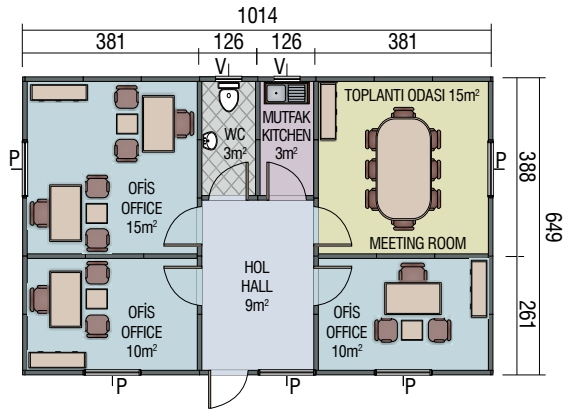




VPO-03 Prefabrik Ofis 65 m²

Prefabricated Office 65 m²

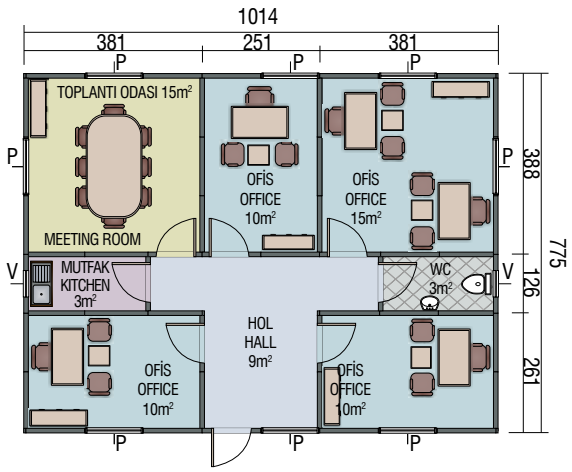




VPO-04 Prefabrik Ofis 79 m²

Prefabricated Office 79 m²

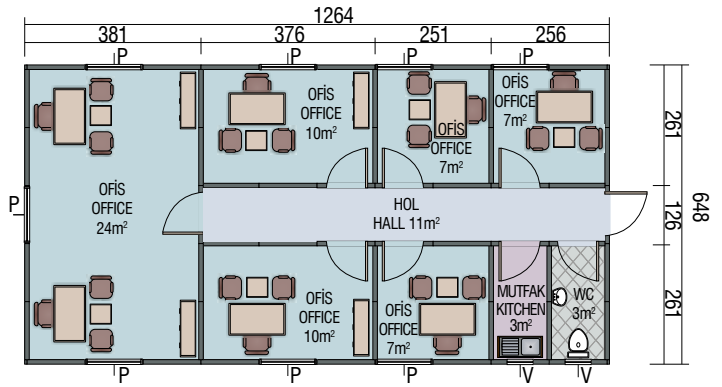




Prefabrik Ofis Planları
Prefabricated Office Plans

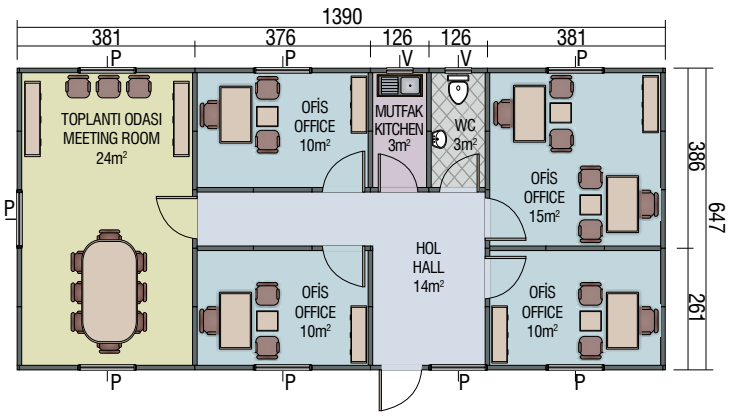
VPO-05 Prefabrik Ofis 82 m²
Prefabricated Office 82 m²





VPO-06 Prefabrik Ofis 89 m²
Prefabricated Office 89 m²

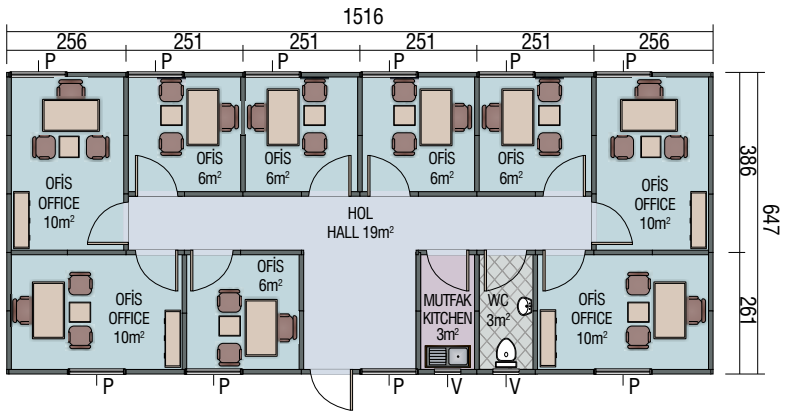




VPO-07 Prefabrik Ofis 98 m²

Prefabricated Office 98 m²

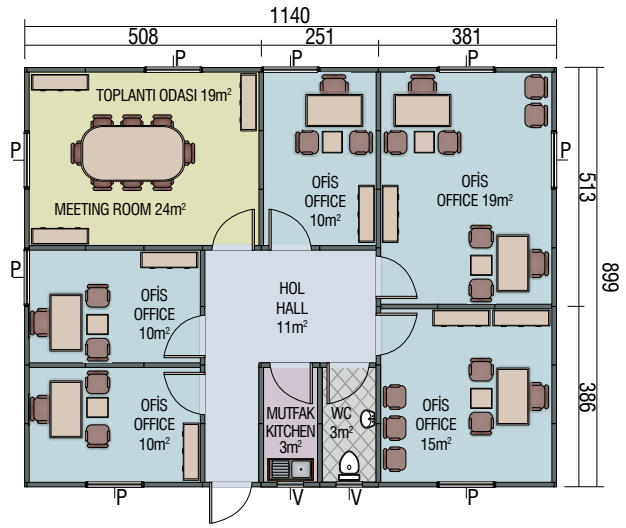




VPO-08 Prefabrik Ofis 102 m²

Prefabricated Office 102 m²

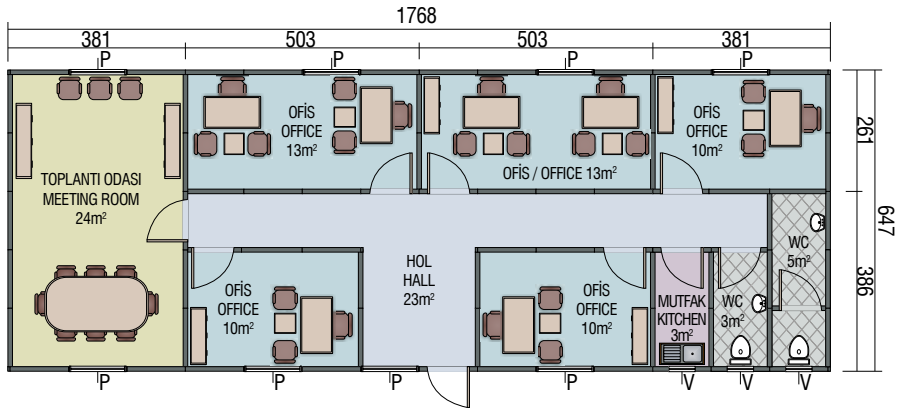




Prefabrik Ofis Planları
Prefabricated Office Plans

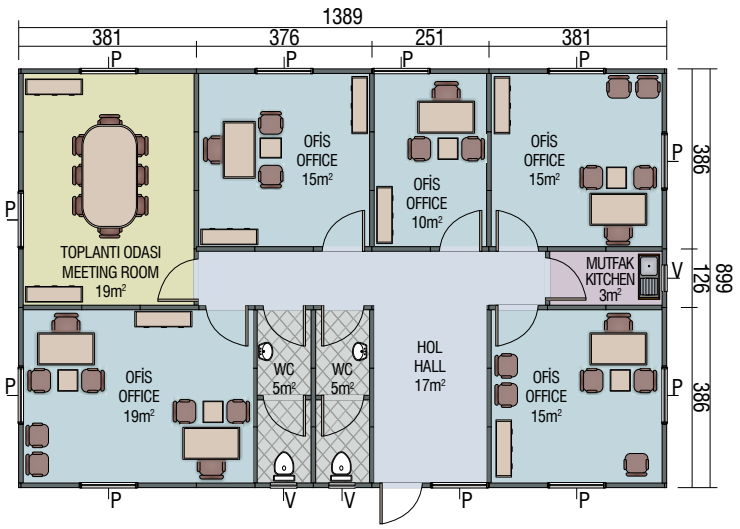
VPO-09 Prefabrik Ofis 114 m²
Prefabricated Office 114 m²





VPO-10 Prefabrik Ofis 125 m²
Prefabricated Office 125 m²

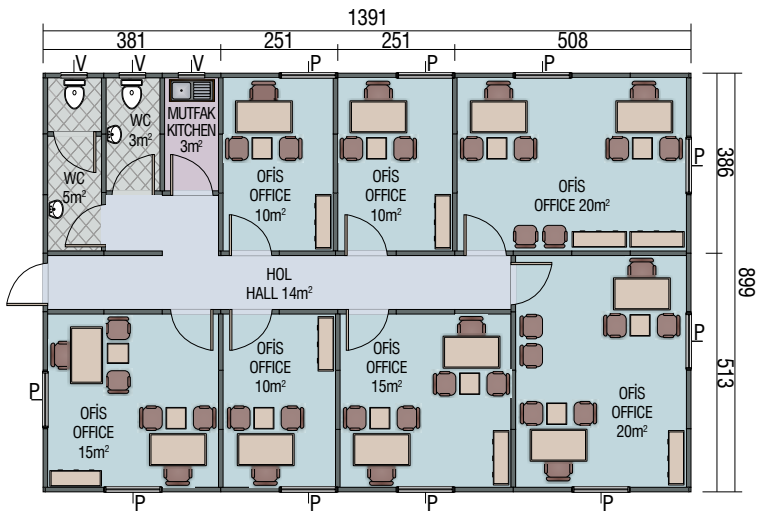




VPO-11 Prefabrik Ofis 125 m²

Prefabricated Office 125 m²

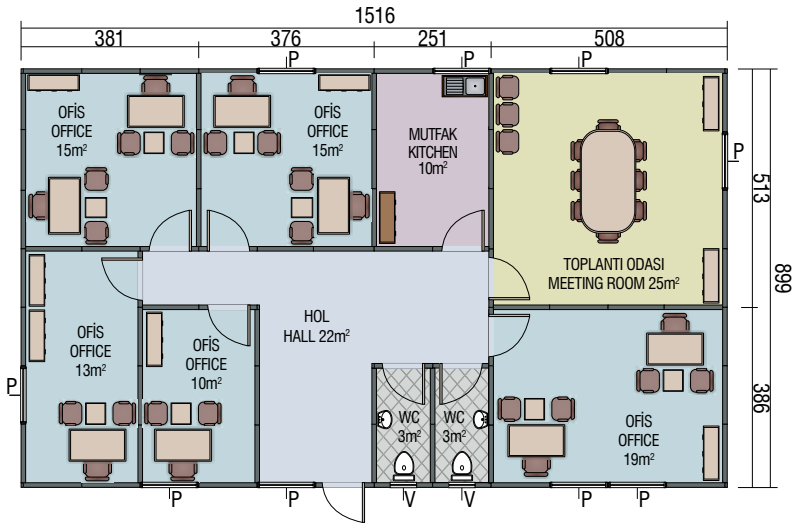




VPO-12 Prefabrik Ofis 136 m²

Prefabricated Office 136 m²





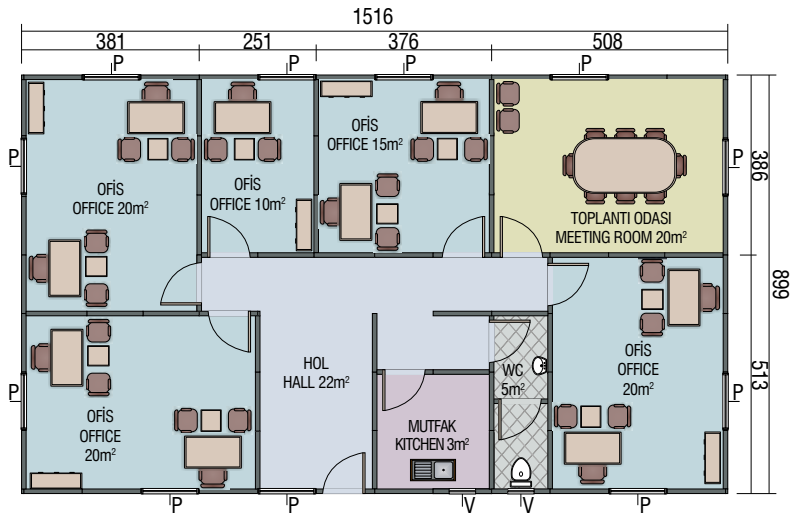




Prefabrik Ofis Planları
Prefabricated Office Plans

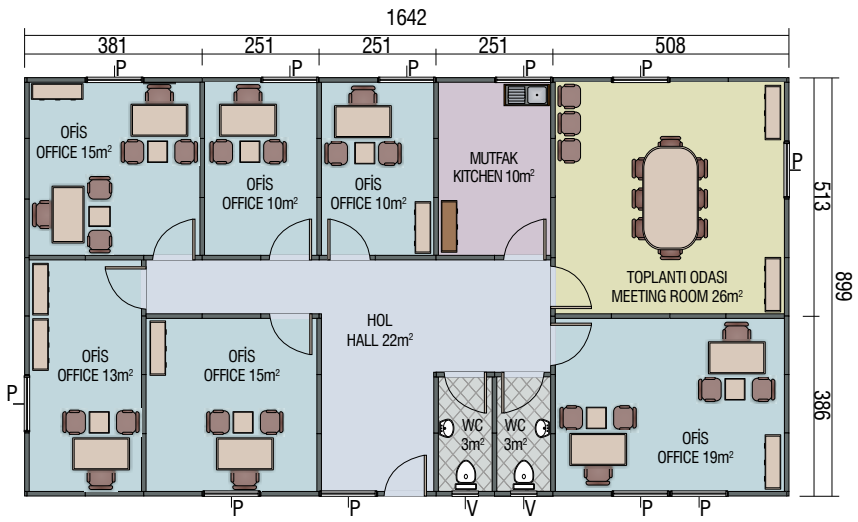
VPO-13 Prefabrik Ofis 136 m²
Prefabricated Office 136 m²





VPO-14 Prefabrik Ofis 148 m²
Prefabricated Office 148 m²

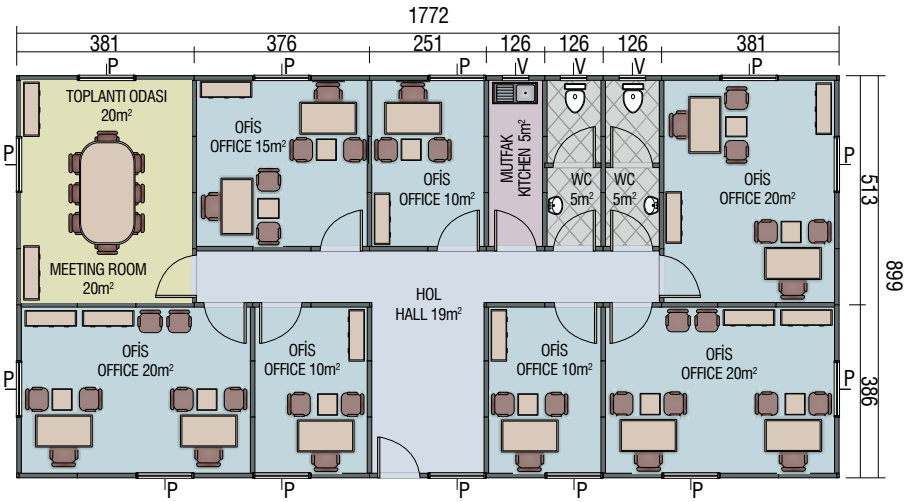




VPO-15 Prefabrik Ofis 159 m²

Prefabricated Office 159 m²

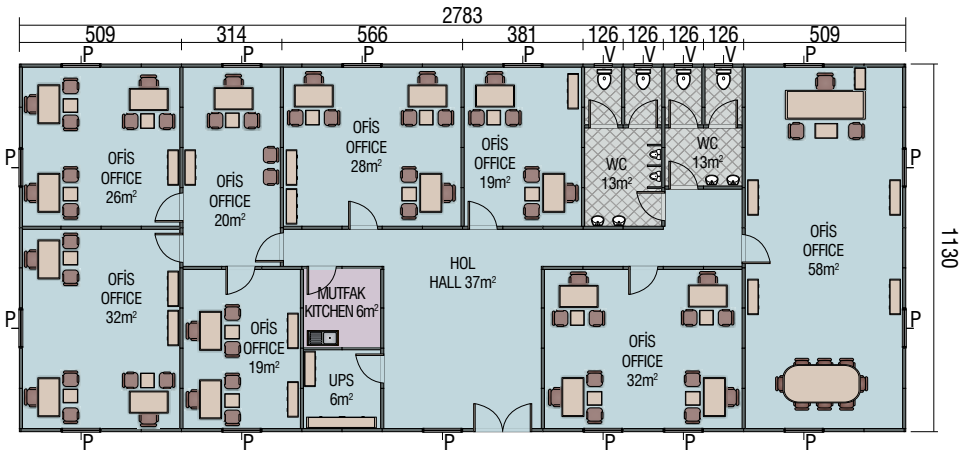




VPO-18 Prefabrik Ofis 315m²

Prefabricated Office 315 m²

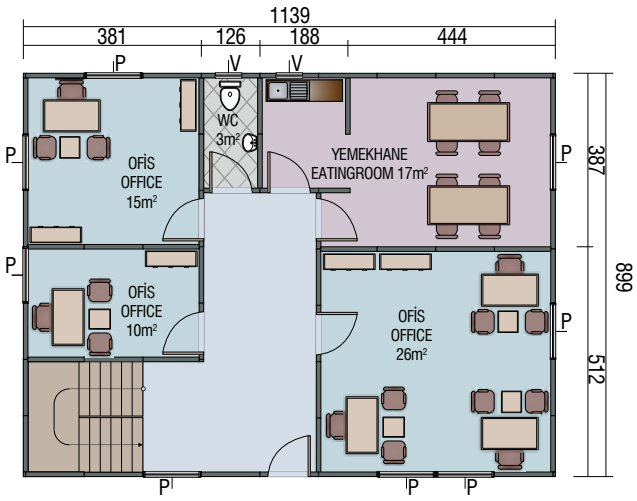




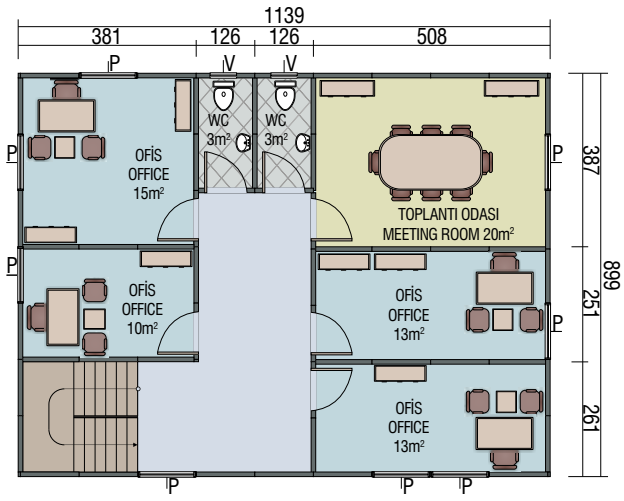
Prefabrik Ofis Planları
Prefabricated Office Plans

VPO-16 Prefabrik Ofis 204 m²
Prefabricated Office 204 m²





Zemin Kat Planı (102 m²)
Ground Floor

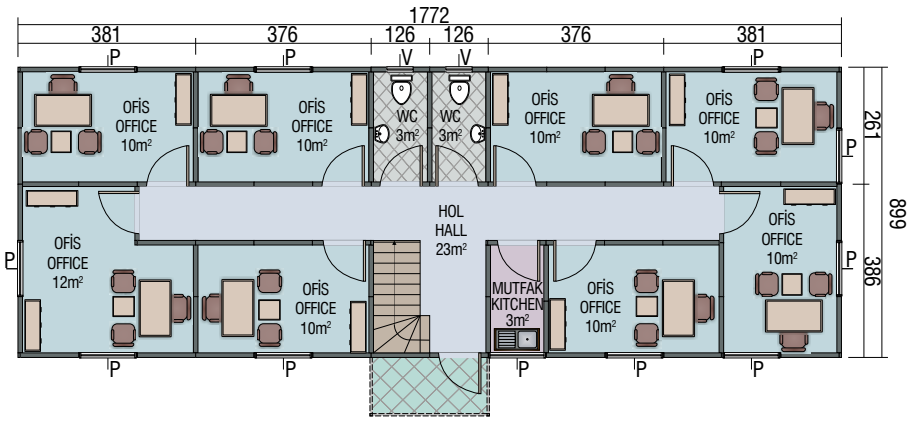


1. Kat Planı (102 m²)
First Floor

VPO-17 Prefabrik Ofis 318 m²

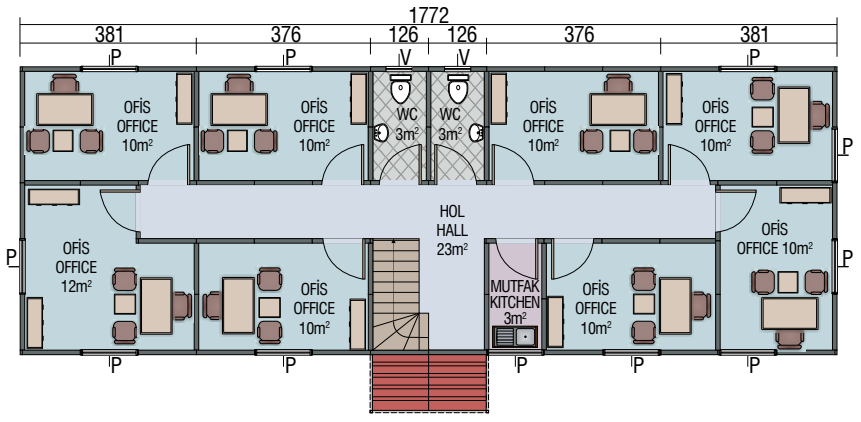
Prefabricated Office 318 m²





Zemin Kat Planı (159 m²)

Ground Floor



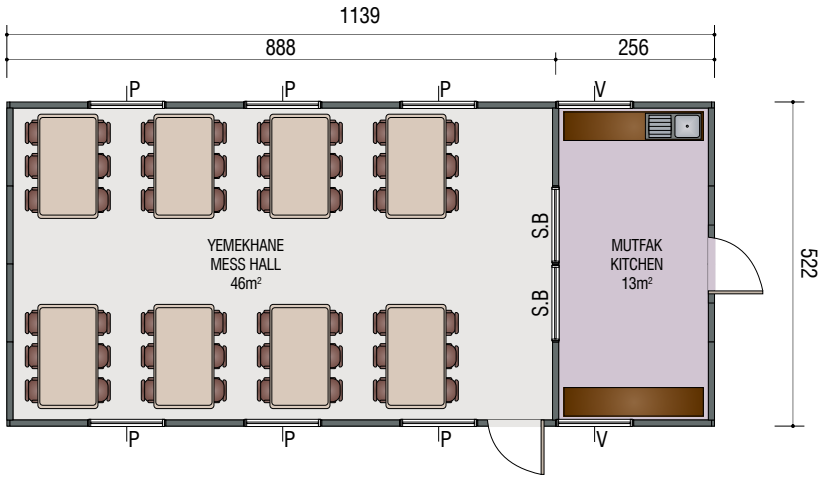
1. Kat Planı (159 m²)

First Floor

Prefabrik Yemekhane Planları
Prefabricated Mess Hall Plans

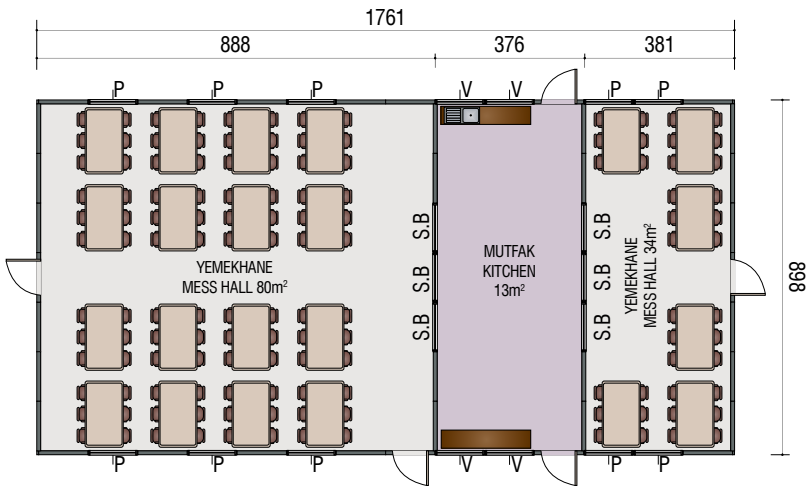
VPYMH-01
Prefabric Yemekhane Planları 59 m²
Prefabricated Mess Hall Plans 59 m²





VPYMH-02
Prefabrik Yemekhane Planları 158 m²
Prefabricated Mess Hall Plans 158 m²

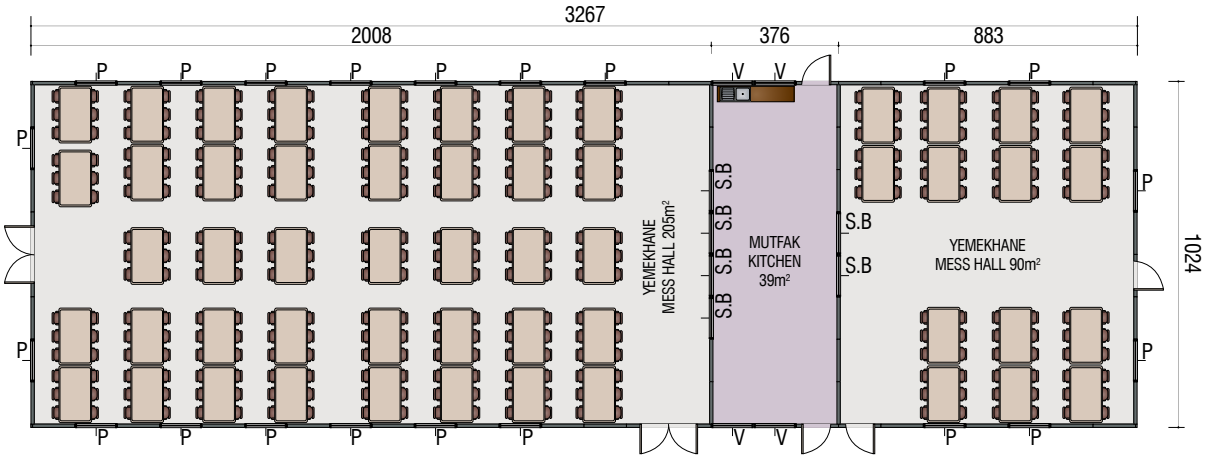




VPYMH-03 Prefabrik Yemekhane Planları 335 m²

Prefabricated Mess Hall Plans 335 m²





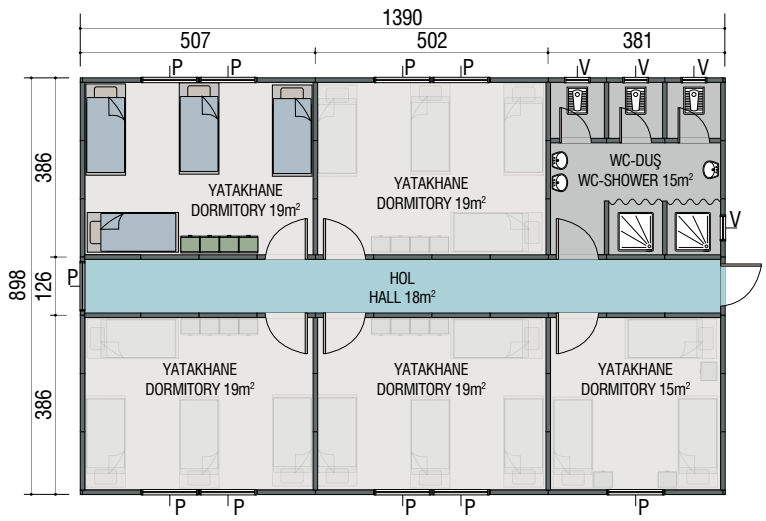




Prefabrik Yatakhane Planları
Prefabricated Dormitory Plans

VPYTH-01 Prefabrik Yatakhane Planları 124 m²
Prefabricated Dormitory Plans 124 m²

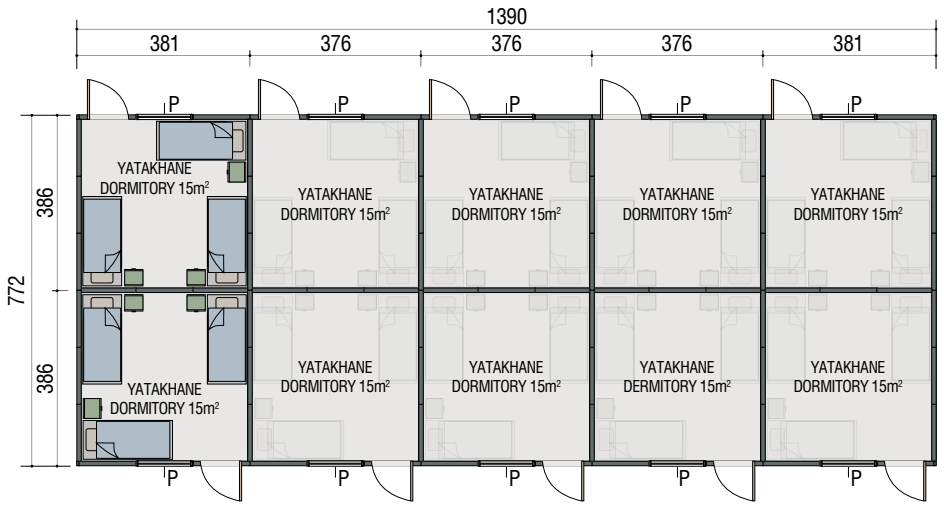




VPYTH-02 Prefabrik Yatakhane Planları 107 m²

Prefabricated Dormitory Plans 107 m²

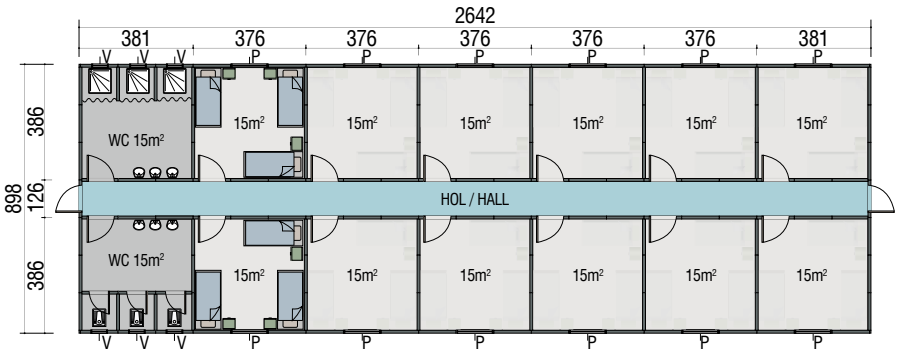




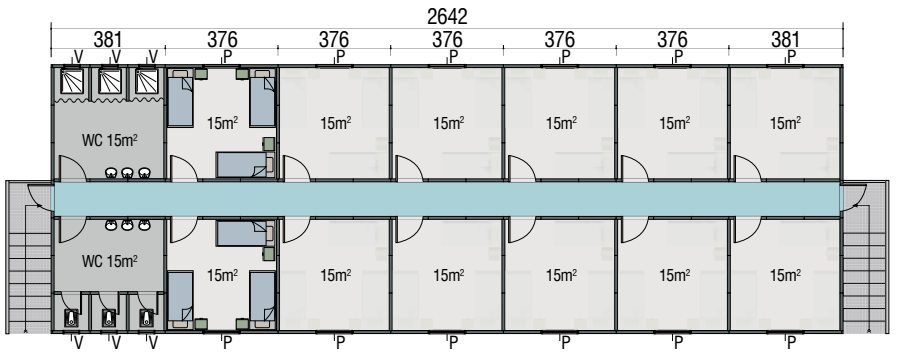
Prefabrik Yatakhane Planları
Prefabricated Dormitory Plans

VPYTH-03 Prefabrik Yatakhane Planları 474 m²
Prefabricated Dormitory Plans 474 m²





Zemin Kat Planı (237 m²)
Ground Floor

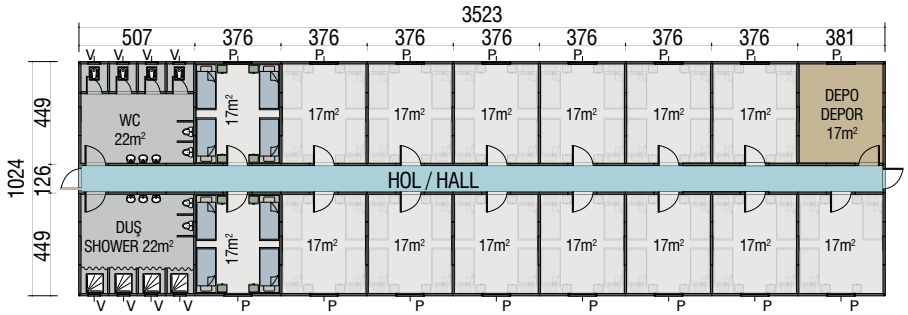


1. Kat Planı (237 m²)
First Floor

VPYTH-04 Prefabrik Yatakhane Planları 1080 m²

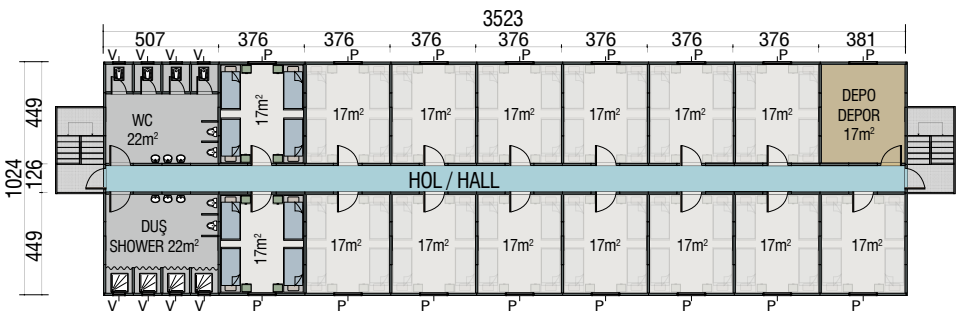
Prefabricated Dormitory Plans 360m²





Zemin Kat Planı (360 m²)

Ground Floor



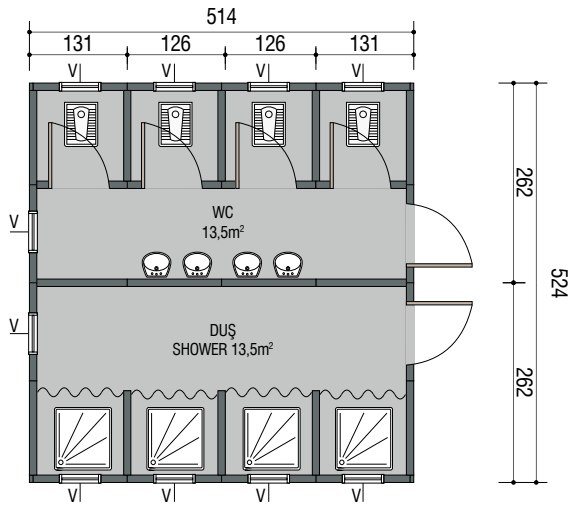
1. ve 2. Kat Planı (360 m²)

First and Second Floor

Prefabrik WC-Duş Planları
Prefabricated WC-Shower Plans

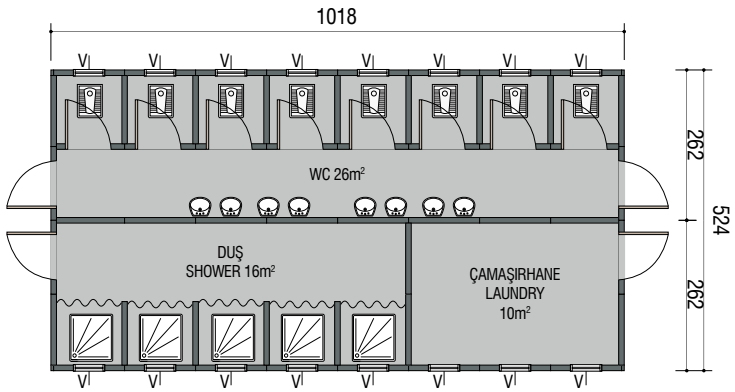
VPWCD-02 Prefabrik WC-Duş Planları 27 m²
Prefabricated WC-Shower Plans 27m²





VPWCD-03 Prefabrik WC-Duş Planları 53 m²
Prefabricated WC-Shower Plans 53m²

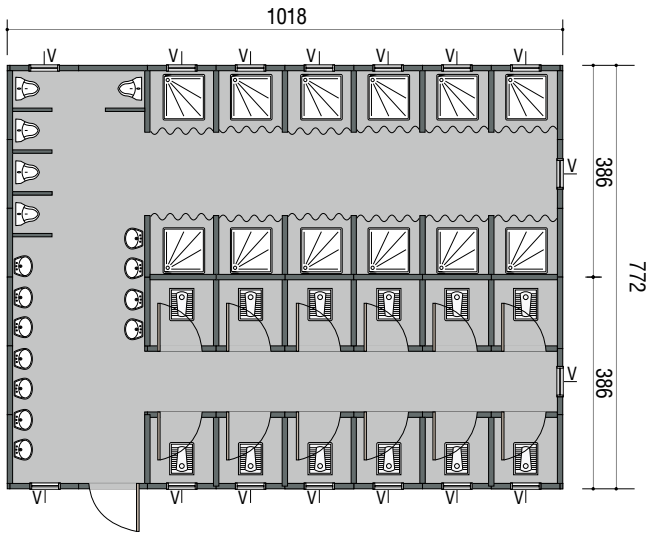




VPWC-04 Prefabrik WC-Duş Planları 78 m²

Prefabricated WC-Shower Plans 78m²

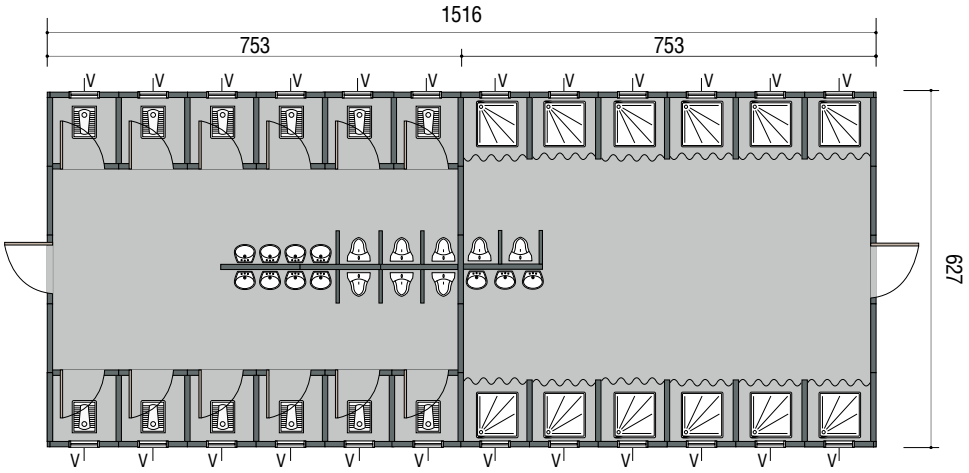




VPWCD-05 Prefabrik WC-Duş Planları 95 m²

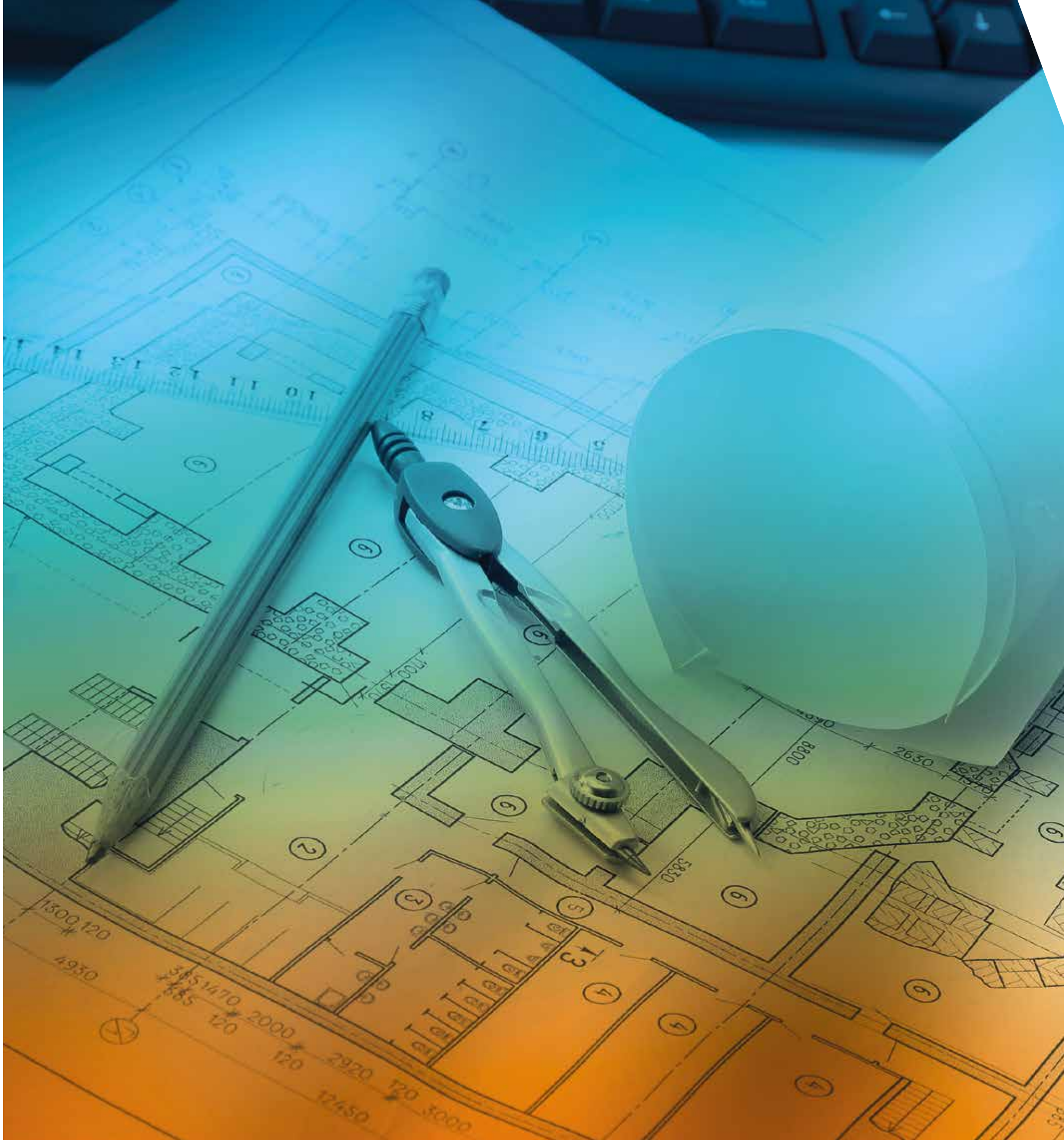
Prefabricated WC-Shower Plans 95 m²











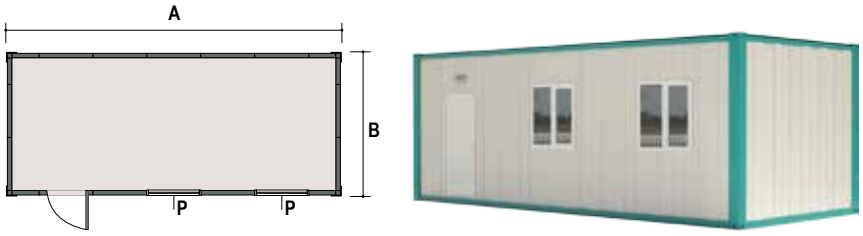
Yaşam Konteyner Planları

Living Containers Life Plans

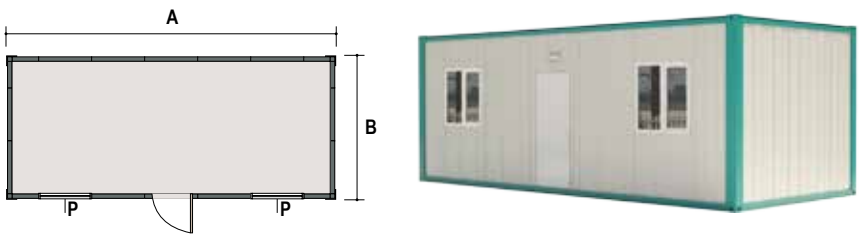


Konteyner Planları
Container Plans

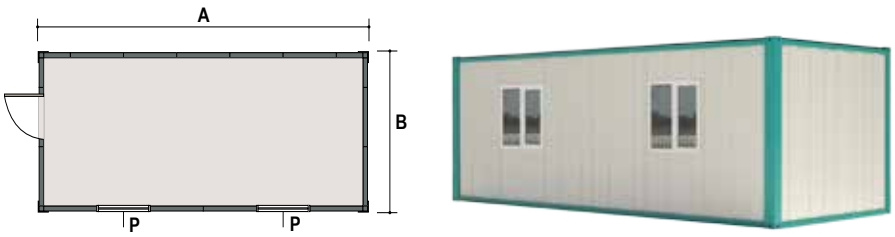
VK-101



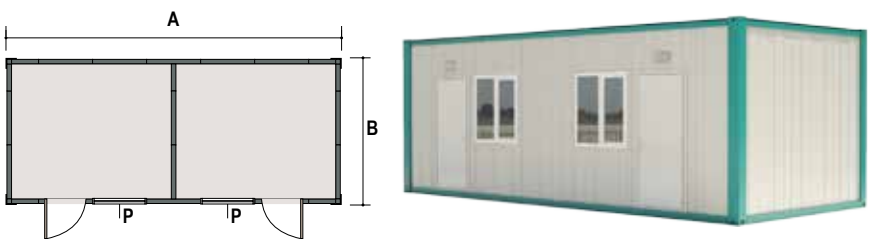
VK-102



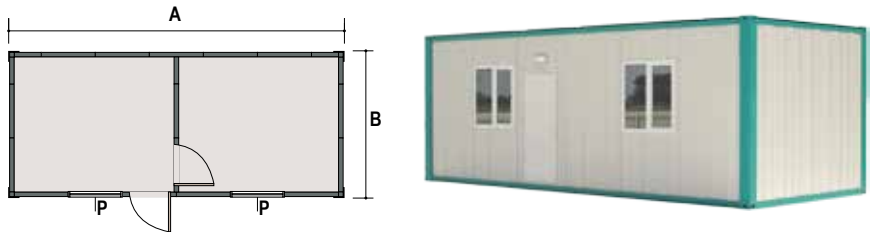
VK-103



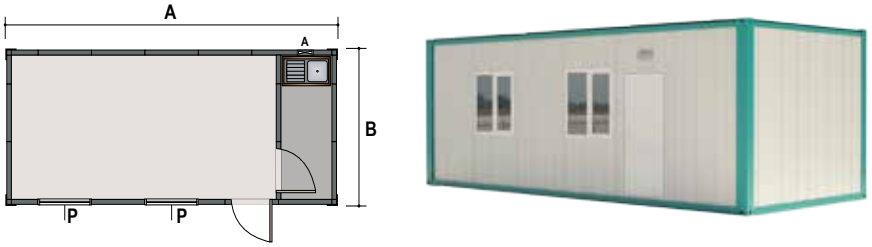
VK-104



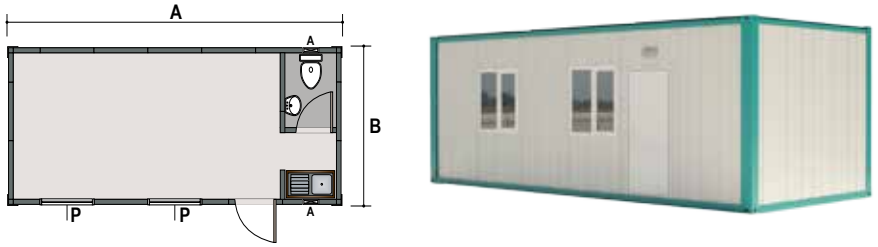
VK-202



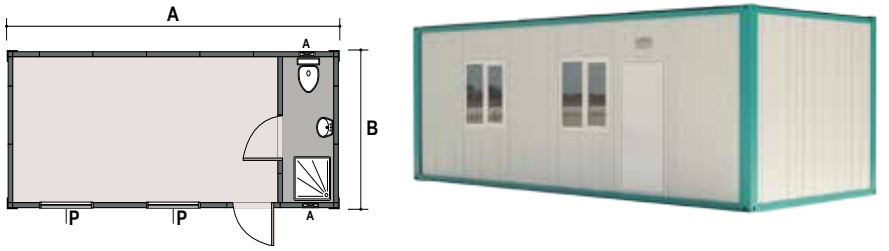
VK-203



VK-204

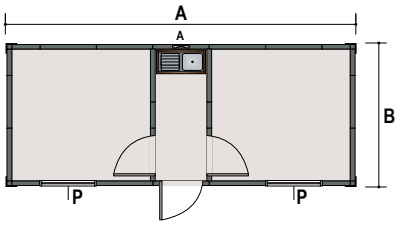


VK-205



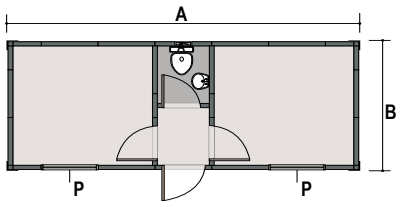
A 7m 6m B 3m 2.4m

VK-301



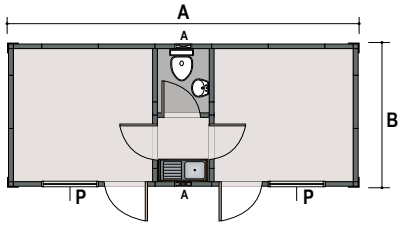


VK-302



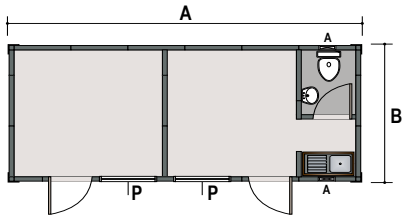


VK-303



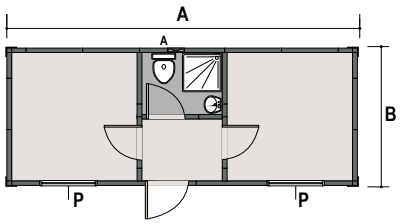


VK-304



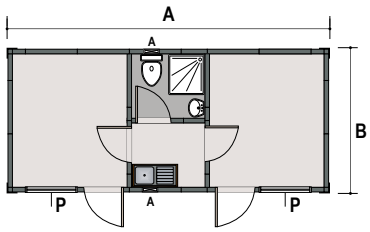


VK-305



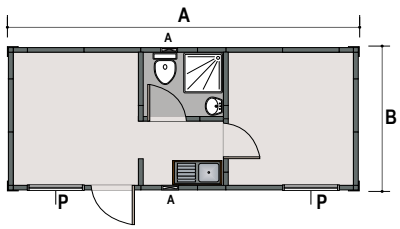


VK-306



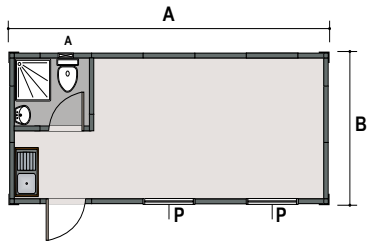


VK-701





VK-801





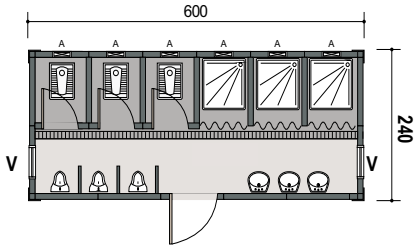
A 7m 6m B 3m 2.4m

WC Duş Konteyner Planları

WC Shower Container Plans

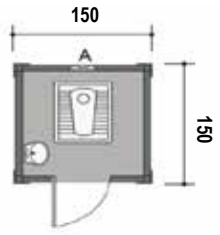
VKW 06





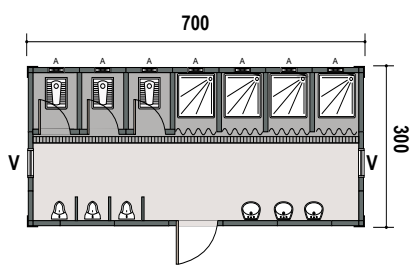
VKW 01





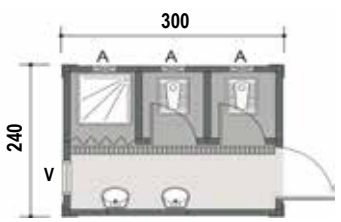
VKW 07





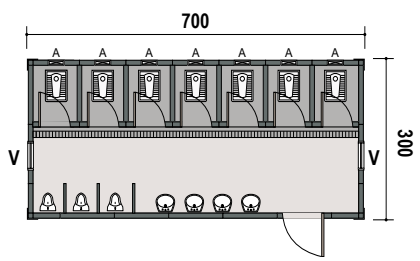
VKW 03





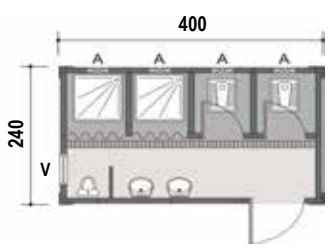
VKW 10





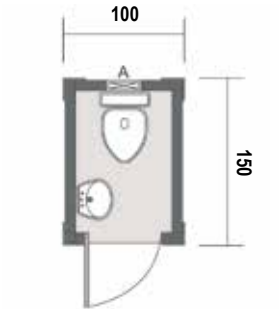
VKW 04





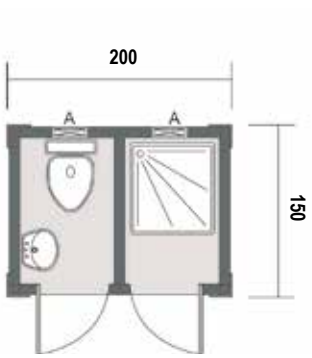
WC Duş Kabin Planları
WC Shower Cabinet Plans

EKOW101



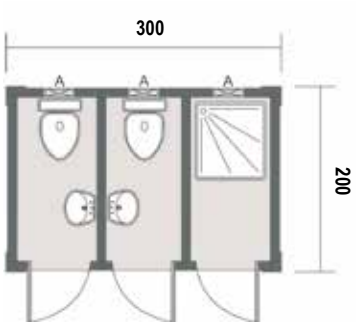


EKOW102





EKOW103







Konteyner ve Ranza Kesiti
Container & Bunk Section

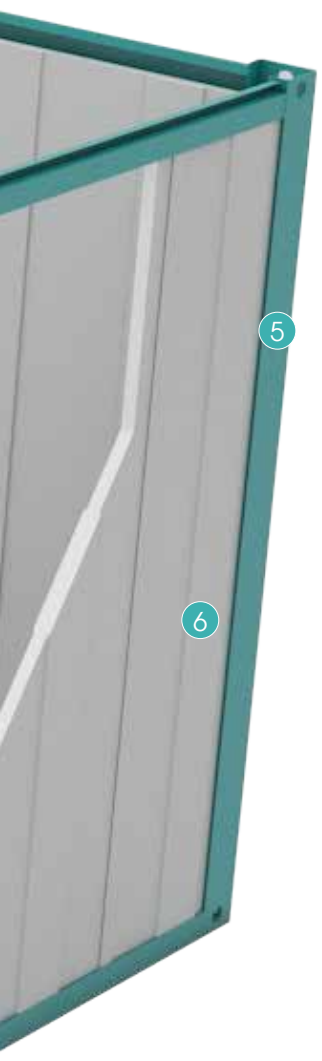


1 PVC Profil Kapağı
PVC Profile Cover

2 30x40 Kutu Profil
30x40 Box Profile

3 2 mm Özel Bükümlü Sac
2 mm Special Bended Sheet

4 0,80 mm Omega Sac
0.80 mm Omega Sheet



1 **Alt Taşıma Konstrüksiyonu**
1.5 mm Kalınlığında özel form verilmiş galvaniz "C" kullanılarak kontrüksiyon oluşturulur.

2 **Üst Taşıma Kontrüksiyonu**
1.5 mm Kalınlığında özel form verilmiş galvaniz "C" kullanılarak kontrüksiyon oluşturulur.

3 **Alt Şase**
2 mm Kalınlığında özel form verilmiş galvaniz kullanılarak konstrüksiyon oluşturulur.

4 **Üst Şase**
2 mm Kalınlığında özel form verilmiş galvaniz kullanılarak kontrüksiyon oluşturulur.

5 **Köşe Direkleri**
3 mm Kalınlığında özel form verilmiş galvaniz kullanılarak kontrüksiyon oluşturulur.

6 **Dış Duvarlar**
0,50 mm kalınlığında, mikro lambri baskı, boyalı galvaniz sac arası 40 mm kalınlığında 16kg/m3 yoğunluğunda polistren köpük kullanılır.

7 **İç Duvarlar**
0,50 mm kalınlığında, mikro lambri baskı, boyalı galvaniz sac arası 40 mm kalınlığında 16kg/m^3 yoğunluğunda polistren köpük kullanılır.

8 **İç Yüzey Tavan Kaplama**
10mm Beyaz, yüksek kalitede Pvc lambri kullanılır.

9 **Zemin Kaplama**
16 mm Kalınlığında betopan levhalar.

10 **Çatı İzolasyon**
80mm 14 kg/m^3 Kalınlığında şilte cam yünü kullanılır.

11 **Çatı Kaplama**
0.50mm kalınlığında natural galvaniz trapez sac kullanılır.

12 **Zemin Kaplama**
2 mm Kalınlığında PVC mİneflo,

13 **İç Kapılar**
80 x 198 ebatında olup,kanatları çift taraflı mdf kapıdır.

14 **Pencereler**
95 / 100 Ölçülerinde PVC Pencere PAKPEN Marka,

15 **"H" Direk**
Özel form verilmiş boyalı galvaniz sac kullanılır.

16 **Menfez** (WC ve Banyo ünitelerinde, havalandırma maksatlı 30x20 cm ebatlarında kullanılır.

1 Bottom Bearer
The bottom bearer is produced using 1.5 mm thick specially formed galvanised "C" profiles.

2 Top Bearer
The top bearer is produced using 1.5 mm thick specially formed galvanised "C" profiles.

3 Bottom Chassis
Bottom chassis is produced using 2 mm thick specially formed galvanised sheet.

4 Top Chassis
Top chassis is produced using 2 mm thick specially formed galvanised sheet.

5 Corner Posts
Corner postsa are produced using 3 mm thick specially formed galvanised sheet.

6 External Walls
Between 0,50 mm thick,micro pressed,painted galvanised sheets, 40 mm thick 16 kg/m3 density Polystyrene Foam is used.

7 Internal Walls
Between 0,50 mm thick,micro pressed,painted galvanised sheets, 40 mm thick 16 kg/m3 density Polystyrene Foam is used.

8 Inner Surface Ceiling Covering
10mm thick, high quality white pvc wainscots are used.

9 Floor Covering
First 16 mm thick cemented chipboards (Betopan) are applied and then 2 mm thick PVC covering material

10 Roof Insulation
80 mm thick, 16 kg/m3 density glass wool blanket is used

11 Roof Covering
0,50 mm thick natural galvanised trapeziodal sheets are used

12 Flooring
2 mm Thickness PVC Mineflo

13 Interior Doors
80x198 sized ,wings are double-sided MDF door.

14 Windows
95/100 sized PVC Windows (Pakpen)

15 "H" Post
Specially formed galvanised sheet is used.

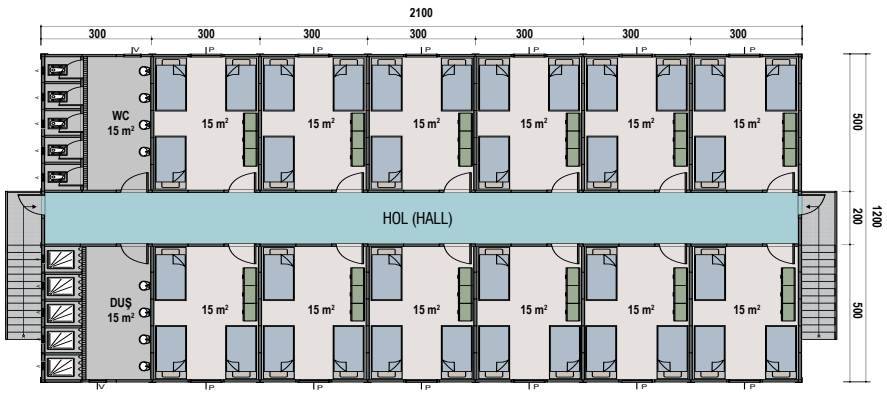
16 Culvert
30x20 sized air ventilation culverts are used at WC and shower units

Grup Yemekhane Planları
Group Mess Hall Plans

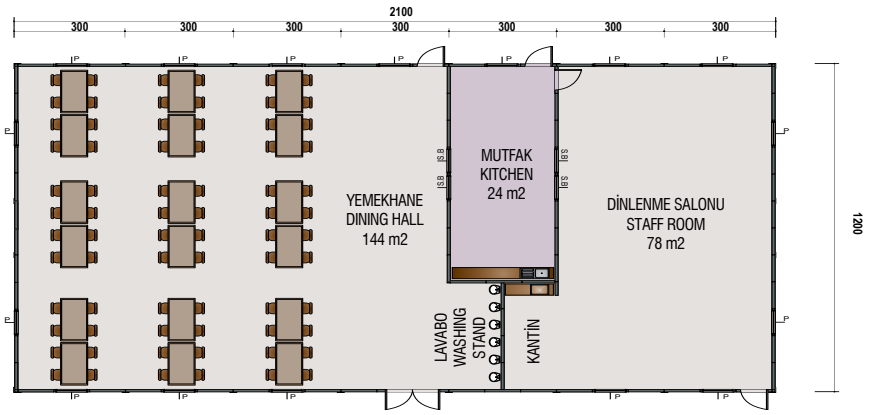
Grup Yemekhane ve Yatakhane 504 m²
Prefabricated Mess Hall and Dormitory Plans 504 m²



Üst Kat Planı / First Floor (252m²)



Zemin kat / Ground Floor (252m²)

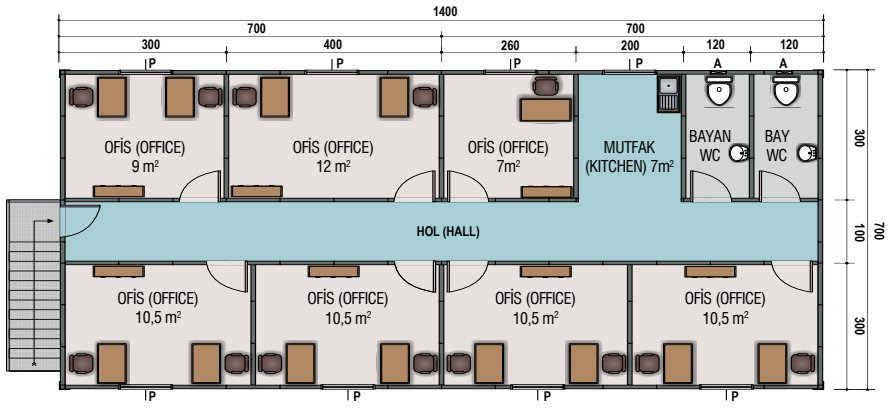


Grup Ofis Planları
Group Office Plans

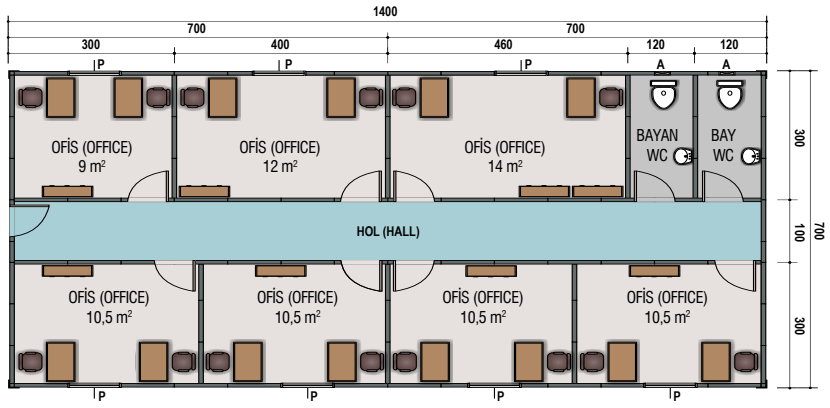
Grup Ofis Planı 196 m²
Prefabricated Office Plans 196 m²



Üst Kat Planı / First Floor **(98m²)**



Zemin kat / Ground Floor **(98m²)**

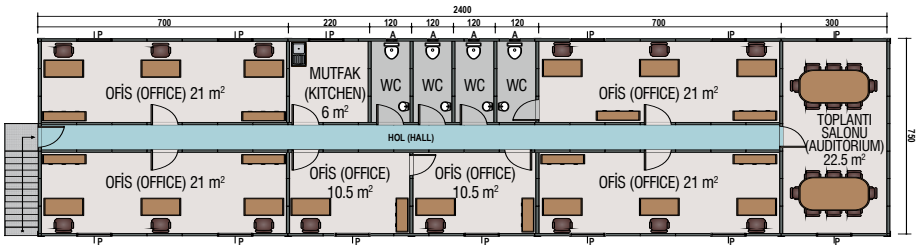


Grup Ofis Planları
Group Office Plans

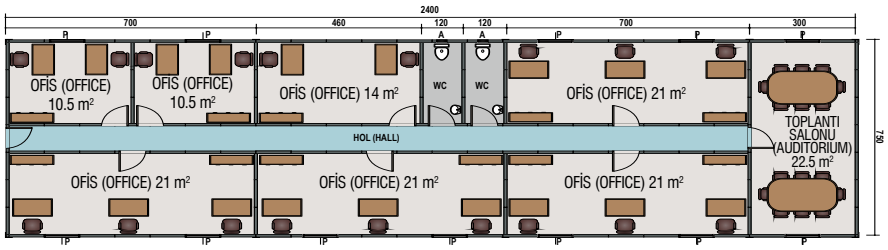
Grup Ofis Planı 360 m²
Prefabricated Office Plans 360 m²



Üst Kat Planı / First Floor **(180m²)**



Zemin kat / Ground Floor **(180m²)**

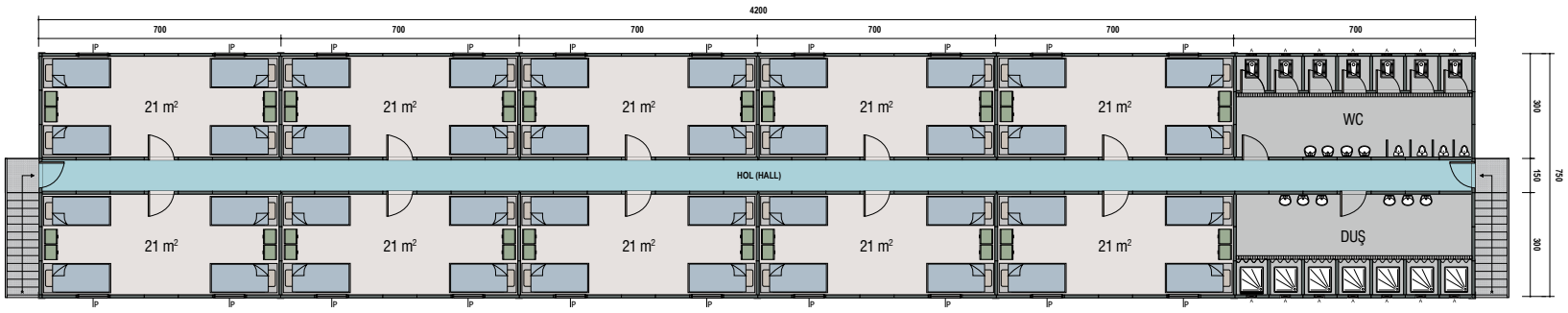


Grup Yatakhane Planları
Group Dormitory Plans

Grup Yatakhane Planı 630 m²
Prefabricated Dormitory Plans 630 m²



Üst Kat Planı / First Floor **(315m²)** **Zemin kat** / Ground Floor **(315m²)**







Demonte Konteyner

Demountable Container























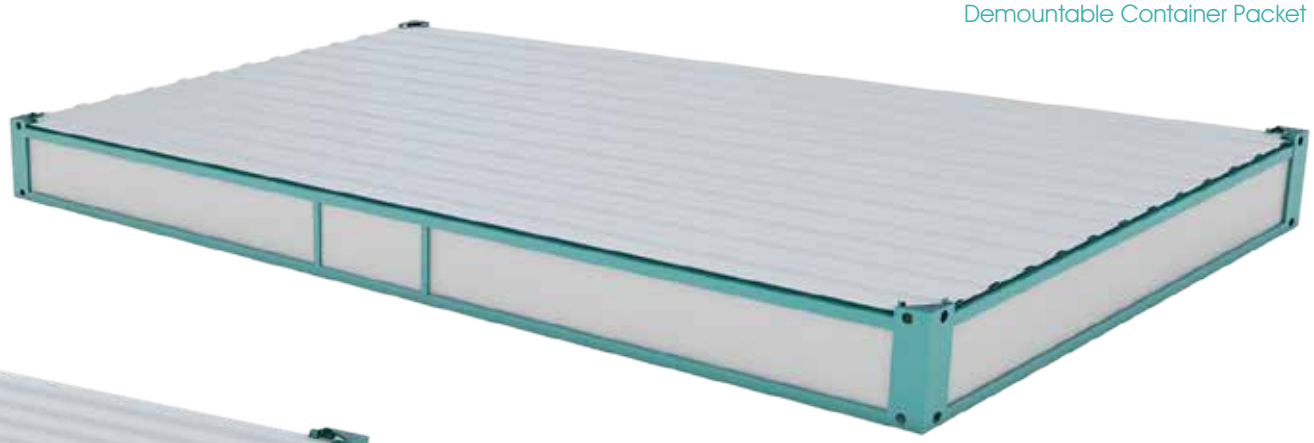
Demonte Konteyner
Demountable Container

3m x 7m, 2.4m x 6m ve İsteğe Bağlı Ölçüler
3m x 7m, 2.4m x 6m and Optional Sizes



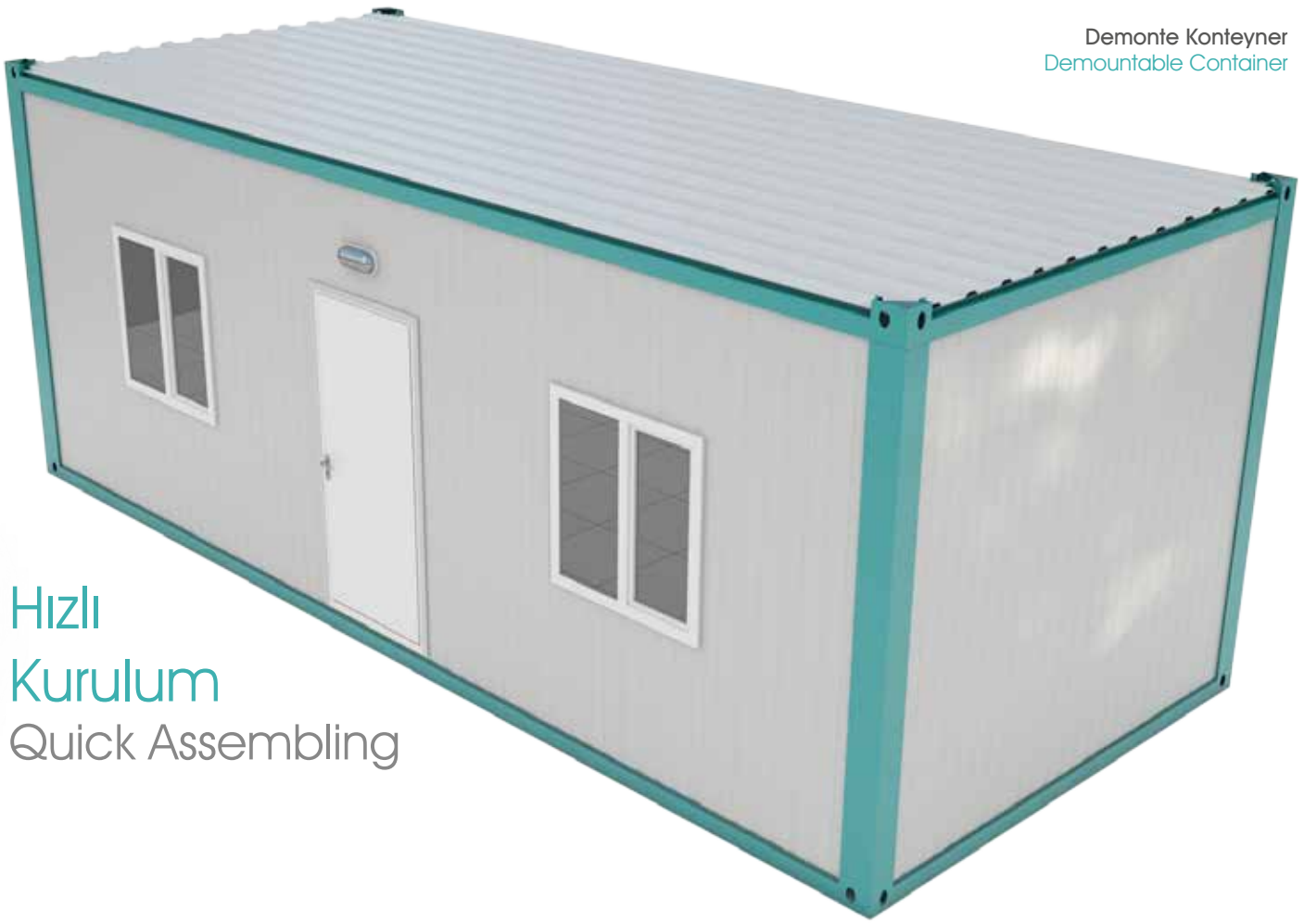
Tek Seferde
8 Konteyner
8 Containers at one time

Demonte Konteyner Paket
Demountable Container Packet





Demonte Konteyner
Demountable Container



Hızlı Kurulum
Quick Assembling


POLİS
63515



Römorklu Konteyner

Trailer Container













Lüks Kabinler

Luxury Cabins







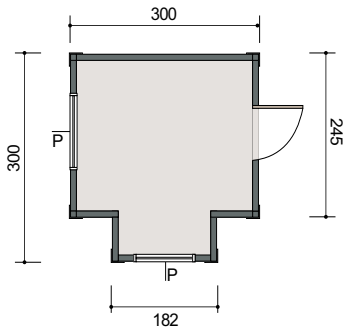


Lüks Kabin Planları

Luxury Cabinet Plans

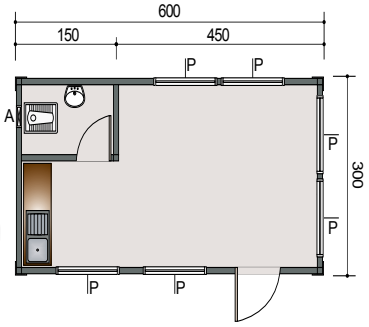
VKK010





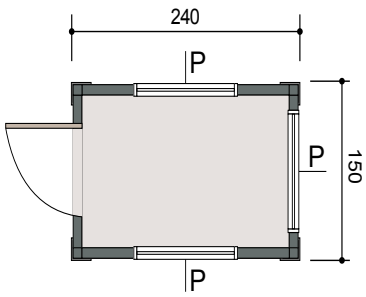
VKK011





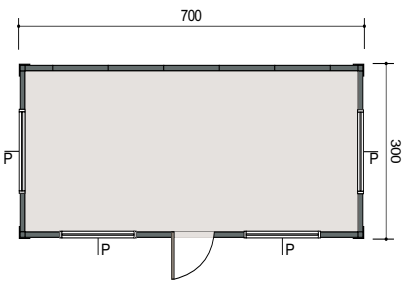
VKK012





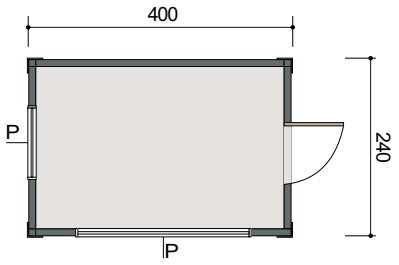
VKK013





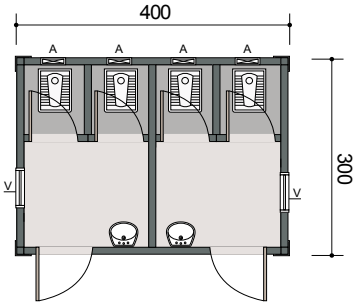
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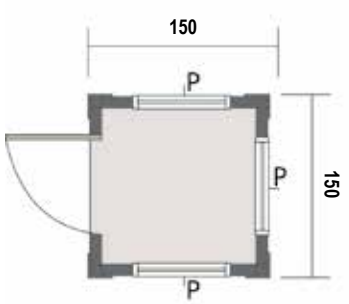
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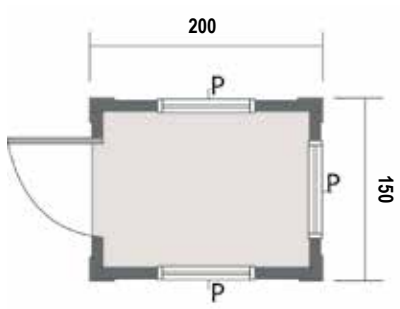
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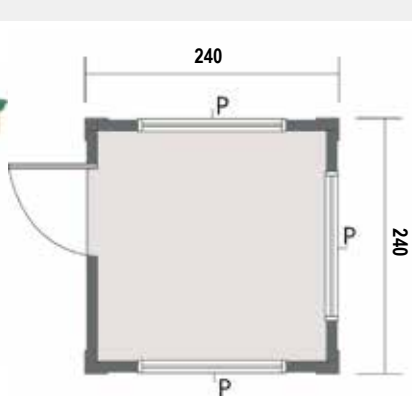
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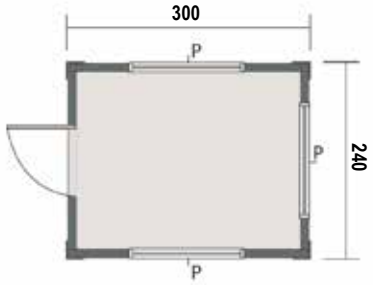
VLK103





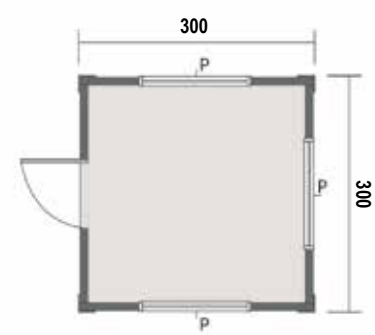
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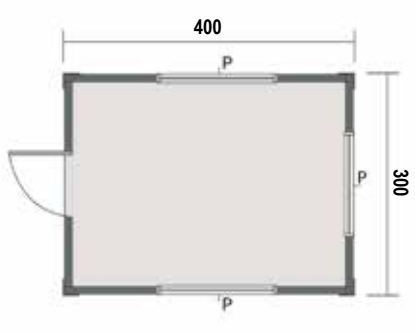
VLK105





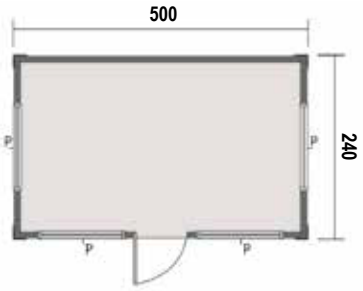
VLK106





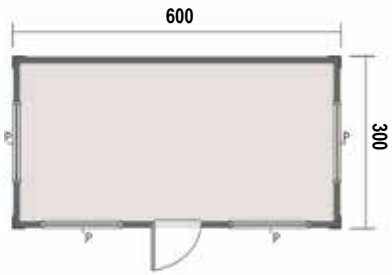
Lüks Kabin Planları
Luxury Cabinet Plans

VLK107



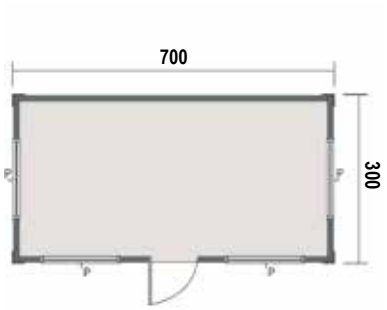


VLK108





VLK109









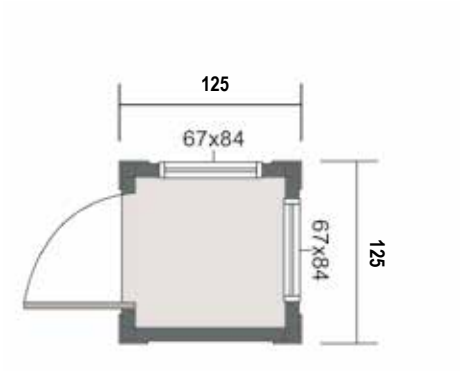
Güvenlik Kabinleri

Security Cabins



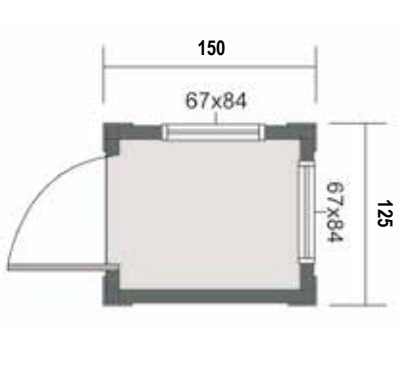
Güvenlik Kabin Planları
Security Cabinet Plans

EKO101



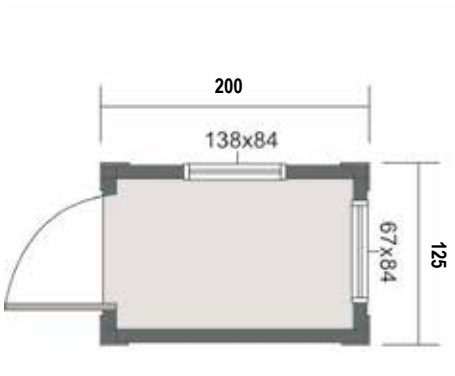


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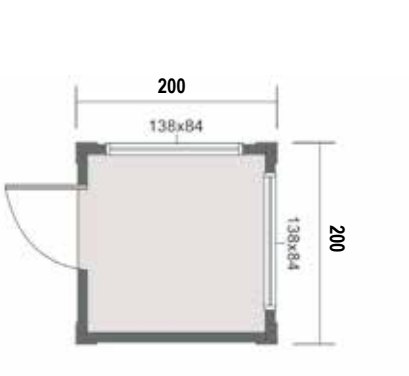


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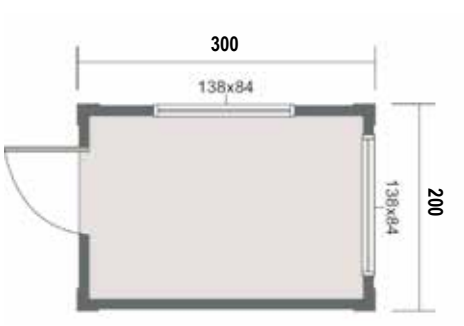


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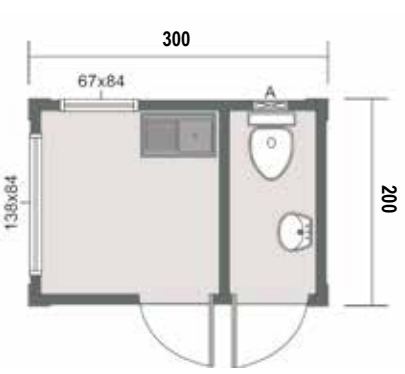


EKO105





EKO106









Depo Hangar Binaları

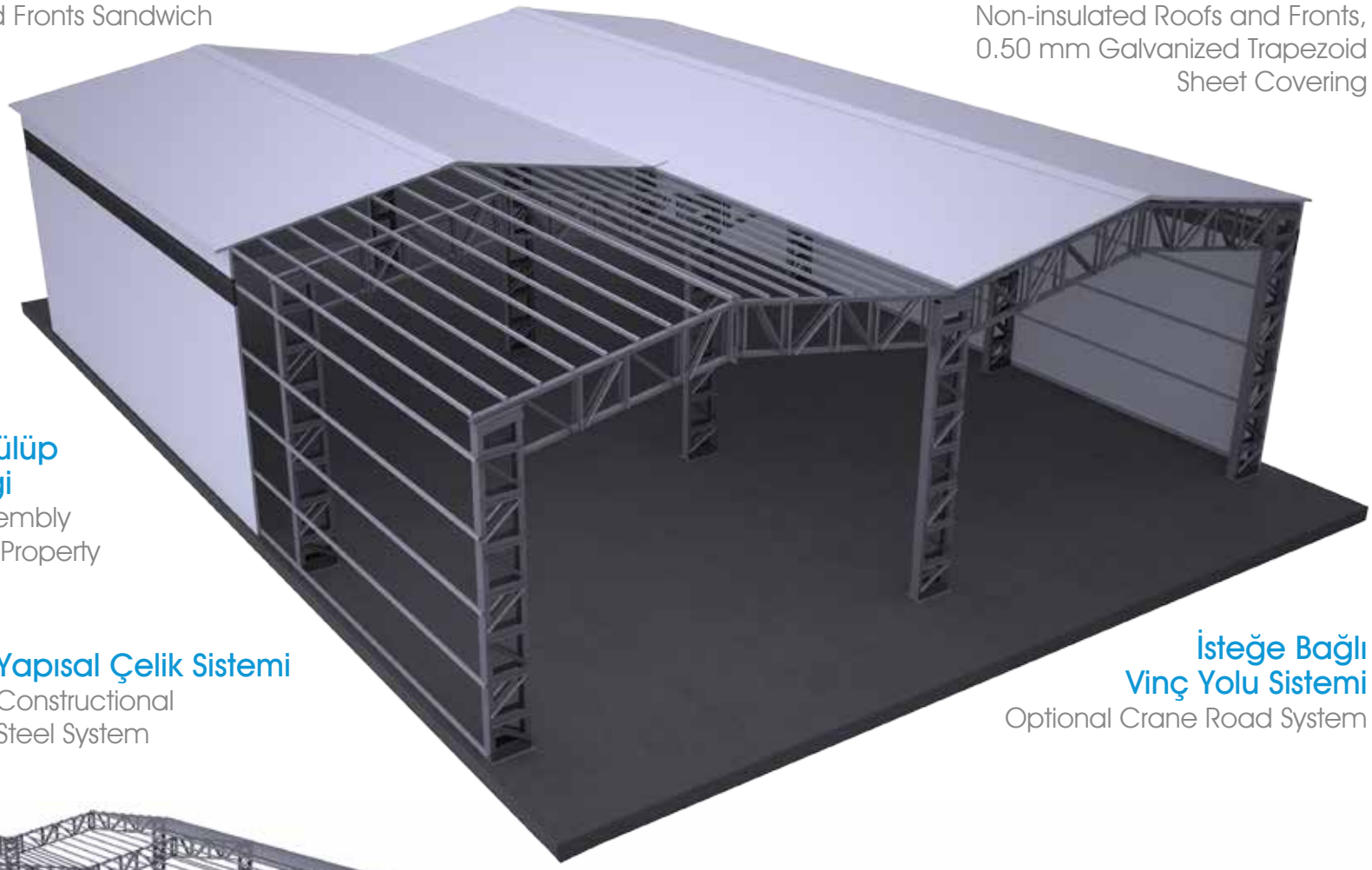
Storage Buildings and Sheds



Hangar Bina Kesiti
Shed Buildings Section

İzoleli Çatı ve Cephelerde, Sandviç Panel Kaplama
Isolated Roof and Fronts Sandwich Panel Covering

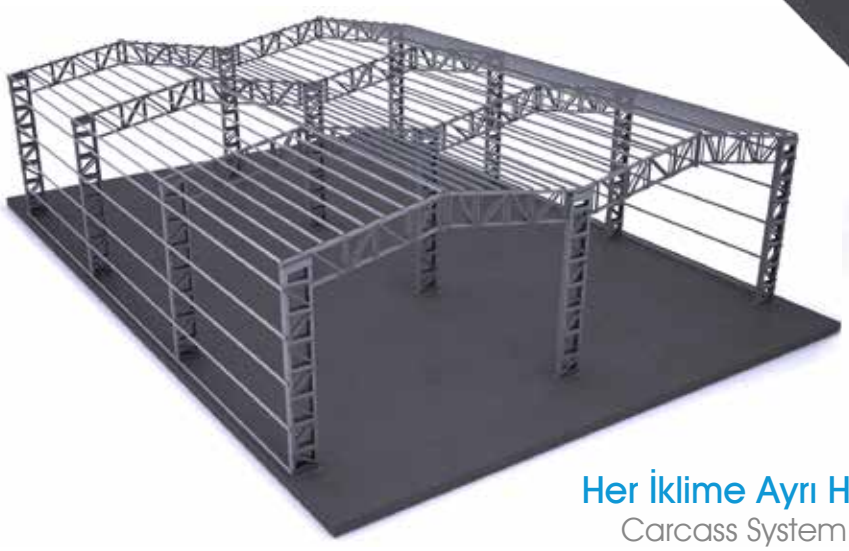
İzolesiz Çatı ve Cephelerde, 0.50 mm Galvaniz Trapez Sac Kaplama
Non-insulated Roofs and Fronts, 0.50 mm Galvanized Trapezoid Sheet Covering



Defalarca Sökülüp Takılma Özelliği
Repeated Disassembly and Reassembly Property

Yapısal Çelik Sistemi
Constructional Steel System

İsteğe Bağlı Vinç Yolu Sistemi
Optional Crane Road System





Her İklime Ayrı Hesaplanan Karkas Sistemi
Carcass System that Calculated Separately for Each Climate Conditions


NAZAR
NAZAR
Nazar





Prefabrik Bina Teknik Özellikleri

Prefabricated Buildings Technical Datas

STANDARTLAR	Çelik Malzeme Hesap Kriterleri Betopan Cam Yünü Polistren Köpük	St 37 TS 648, TS 498 , TS 11372 TSEN 634-2 TS 901, DIN 18165 TS 7316			
HESAP KRİTERLERİ	İmalatlar 90 kg/m² karyükü, 90 km/saat rüzgar hızı, birinci derece deprem şartları ve üç iklim bölgesi esas alınarak üretilmektedir.				
TAŞIYICI SİSTEM	Galvaniz Sac'dan Rollform makinasıyla çekilen taşıyı H profiller ile makas imalatında kullanılan Rollform makinasında çekilen galvaniz U profili binaların ana taşıyıcı iskeletini oluşturur. Makasları birbire bağlamak ve yapıyı rijit hale getirmek için Rollform makinasında çekilmiş omega aşıklar kullanılır.				
YAPISAL ÇELİK	Prefabrik bina malzeme kesit tayini Sap 2000 hesap yöntemiyle yapılar Auto CAD programında çizilip resimler halinde imalata verilir. Tüm taşıyıcı sistem Rollform makinasından çekilen özel H, C ve U modelli Galvaniz profillerinden oluşur.				
PLAN	Ön üretimli prefabrike yapılar genişlik ve uzunlulukları 125 cm'nin katları olacak şekilde uygulanır. Prefabrike yapılar 4 farklı panelin modülasyonundan meydana gelmektedir. Dolu duvar paneli, pencereli duvar paneli, vasistaslı duvar paneli ve kapılı duvar paneli olarak imal edilen parçalardan en ağırı dış kapılı paneldir. (90 kg) Tüm mimari çizim ve hesaplamalar, teknik personelimiz tarafından, Autocad ve SAP 2000 programları kullanılarak yapılmaktadır.				
DIŞ DUVARLAR H: 2500 mm Kalınlık:100 mm	**Dış Yüzey**	8 mm Kalınlığında Çimentolu Yonga Levha (Betopan)	**İÇ DUVARLAR** H: 2500 mm Kalınlık: 60 mm	8 mm Kalınlığında Çimentolu Yonga Levha (Betopan)	
	İç Yüzey	8 mm Kalınlığında Çimentolu Yonga Levha (Betopan)		8 mm Kalınlığında Çimentolu Yonga Levha (Betopan)	
	Birleşim Elemanları	Galvaniz Rollform makinası ile tek malzemeden çekilir.		Galvaniz Rollform makinası ile tek malzemeden çekilir.	
	İzolasyon	80 mm Kalınlığında 16 kg/m3 B:1 Yanmaz Polistren Köpük.		40 mm Kalınlığında 16 kg/m3 B:1 Yanmaz Polistren Köpük.	
DUVAR BİRLEŞİM	Birleşim elemanları özel U ve H profilleri GALVANİZ sac malzemeden bükülerek özel kenet sistemi ile birleştirilir. Kenarlarda radius oluştuğundan terleme sonucu paslanma olmaz.				
TAVAN	**Kaplama**	**Normal Mekan:** 12 mm Kalınlığında Alçıpan Levha **Islak Mekan:** 12 mm Kalınlığında Yeşil Alçıpan			
	Birleşim Elemanları	Birleşme elemanları elektrostatik boyalı galvaniz sac.			
	İzolasyon	80 mm Kalınlığında Rulo camyünü (TSE standartlarında).			
ÇATI KAPLAMA	**Kaplama**	27/200 formunda DIN EN 10142'ye göre üretilmiş 0.50 mm kalınlığında 27 mm hadveli trapez kesitli boyalı galvaniz sac.			
	Makas	S320 GD+Z, AZ Erdemir kalite No:1322 olan galvaniz sacdan özel olarak dizayn edilen profiller kullanılarak dizayn edilmiş makas sistemidir.			
	Aşıklar	Rolform Makinasında Çekilmiş Galvaniz saccdan yapılır.			
	Saçaklar	30 cm genişliğinde özel bükümlü galvaniz sac ile kaplanır.			
	Dereler	150 mm PVC Kare yağmur dereleri ve inişleri.			
KAPILAR	**İç Kapılar**	80x198 cm ebatında metal kasalı olup kanatları çift taraflı Amerikan Kapı yapılmaktadır.			
	Dış Kapılar	90x205 cm ebatında izoleli sac kapı (TSE standartlarında).			
PENCERELER	**Pencere**	120/120 Ölçülerinde PVC Pencere (TSE standartlarında)			
	Pencere Kasası	1,2 mm kalınlığında soğuk şekillenmiş galvaniz sacdan oluşturulur.			
	Vasistas	50/120 cm ebatlarında PVC doğrama (TSE standartlarında)			
CAM	**Pencere**	4+12,5+4 mm kalınlıkta ısıcam			
	Vasistas	Buzlu tek cam			
BOYA	**Dış Cephe**	Çift kat akrilik dış cephe boyası. (TSE standartlarında)			
	Metal Aksam	Çift kat astar ve çift kat yağlı boya. (TSE standartlarında)			
	İç Cephe	Çift kat plastik boya. (TSE standartlarında)			
	Tavan	Çift kat plastik boya. (TSE standartlarında)			
ELEKTRİK TESİSATI (SIVA ALTI)	**Kablo**	3*2,5 Nym TSE Standartlarında kablo kullanılır.			
	Priz ve Düğmeler	(TSE Belgeli)			
	Aydınlatma	2*40 Florasan armatür.			
	WC Banyo	Yuvarlak Glop aydınlatma kullanılır.			
	Kapı Üstü	Dış kapı üzeri Glop kullanılır			
SIHHİ TESİSAT (SIVA ALTI)	**Temiz Su Boruları**	PVC Boru (TSE standartlarında)			
	Pis Su Boruları	PVC Boru (TSE standartlarında)			
	Vitrifiyeler ve Armatürler	(TSE standartlarında)			

MATERIAL STANDARTS	Steel Material Calculation Cryteria Betopan Glass Wool Polystyrene Foam	St 37 TS 648, TS 498 , TS 11372 TSEN 634-2 TS 901, DIN 18165 TS 7316			
CALCULATION	Products are manufactured on the basis of three climate zones,90 kg/m² snow load,90 km/h wind speed and first degree earthquake conditions.				
CARRIER SYSTEM	C and U profiles are selected as the carrier beam as a result of the static calculation results.By using the galvanised special omega roof profiles the structure is made a rigid form. Diyoganel links by removing braces are made with galvanized steel bolts and nuts.Structure has the ability to allow disassembly and reassembly many times.Tremors completely blocked.				
STRUCTURAL STEEL	Steel Hangar cross-sectional determination of material is produced using material accounting method SAP 2000 Auto CAD program structures in images drawn from the reports .Sap 2000 program will be presented to the recipient.(ALL GALVANISED MATERIALS AND PARTS ARE BOUGHT FROM ERDEMIR COMPANY.)				
EXTERNAL WALLS H:2500 mm Thickness: 100 mm, Press Panel	**Outer Surface**	8 mm Thickness Cemented Chipboard Plate (TEPE BETOPAN)	**INTERNAL WALLS** H:2500 mm Thickness: 60 mm, Press Panel	8 mm Thickness Cemented Chipboard Plate (TEPE BETOPAN)	
	Inner Surface	8 mm Thickness Cemented Chipboard Plate (TEPE BETOPAN)		8 mm Thickness Cemented Chipboard Plate (TEPE BETOPAN)	
	Joint Equipments	Made of galvanized steel roll former machine with a single shot.		Made of galvanized steel roll former machine with a single shot.	
	Insulation	80 mm Thickness 16kg/m³ B1 Class Unflammable POLYSTYRENE FOAM		40 mm Thickness 16kg/m³ B1 Class Unflammable POLYSTYRENE FOAM	
WALL JOINTS	Joint equipments,Special H and U Profiles, are twisted from Galvanised Steel Sheet and jointed with a special clamping system…Due to the radius at the edges,corrosion does not occur.				
CEILING	**Covering**	**Normal Areas:** 12 mm Gypsumboard **Wet Areas:** 12 mm Green Gypsumboard			
	Joint Equipments	Joint Equipments are electrostatically painted sheet. Among the scissors,vents will be done			
	Insulation	80 mm thickness Glasswool blanket (İZOCAM)			
ROOF COVERING	**Covering**	0.50 mm Galvanised Red Painted Trapeziodal Sheet			
	Truss	According to the Truss Calculation Cryteria, The H and U Profiles Which are specially formed by Rollform Machines are used (ERDEMİR)			
	Lover-Profiles	Galvanised sheet omega profiles, formed by rollform machine, are used (ERDEMİR)			
	Eaves + Fascias	Coated with 30 cm wide specially bended RAL 9002 painted galvanised sheet. (ERDEMİR)			
	Gutters	PVC Gutter Landing			
DOORS	**Internal Doors**	80x198 cm sized American Door.			
	Door Frameworks	90x205 cm sized izolated Sheet Door			
WINDOWS	**Windows**	According to the project,Wooden coloured PVC, 4+12,5+4 mm Double Glazed Windows. (ERPEN BRAND)			
	Window Frames	Made of 1,2 mm Thickness Cold Formed Galvanised Steel Sheet. (ERDEMİR)			
	Transoms	40*60 cm sized PVC, 4mm thickness frosted glass will be used. (ERPEN BRAND)			
GLASS	**Windows**	4+12, 5+4 mm Thickness insulating glass			
	Transom	Single Frosted glass			
PAINT	**External Side**	Double Layer Acyrylic Exterior Wall Paint (DYO BRAND)			
	Metal Parts	Double coat of primer and two coats of oil paint (TETRA BRAND)			
	Internal Side	Double layer plastic paint. (DYO BRAND)			
	Roof	60x60 Vinyl Gypsumboard			
ELECTRICAL SYSTEM FLUSH MOUNTED (UNDER THE SURFACE)	**Cable**	3x2,5 Nym Cable is used. According to T.S.E.			
	Plugs Sockets	T.S.E certified plugs and sockets			
	Luminaires	2x40 FLUORESCENT Luminaries			
	Wc - Bathroom	Round Shape Globe Lightings			
	Door over	Globe Lighting for Over the outer door			
SANITARY SYSTEM (FLUSH MOUNTED - UNDER THE SURFACE)	**Clean Water Pipes**	PPRC Pipes (According to T.S.E.)			
	Drain Pipes	PPRC Pipes (According to T.S.E.)			
	Vitrified Accessories And Taps	T.S.E certified vitrified accessories and taps			
TRANSPORTATION	Loading and unloading will be organised by buyer. Crane on site (if required) will be provided by Buyer. Transport operation carried out by the buyer where the trucks can not enter.				



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