# İS-KA SCAFFOLDING AND FORMWORK SYSTEMS

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# İS-KA İSKELE KALIP SİSTEMLERİ



# İS-KA
# MAXIFORM

## PANEL
## KALIP SİSTEMİ

## PANEL
## FORMWORK SYSTEM

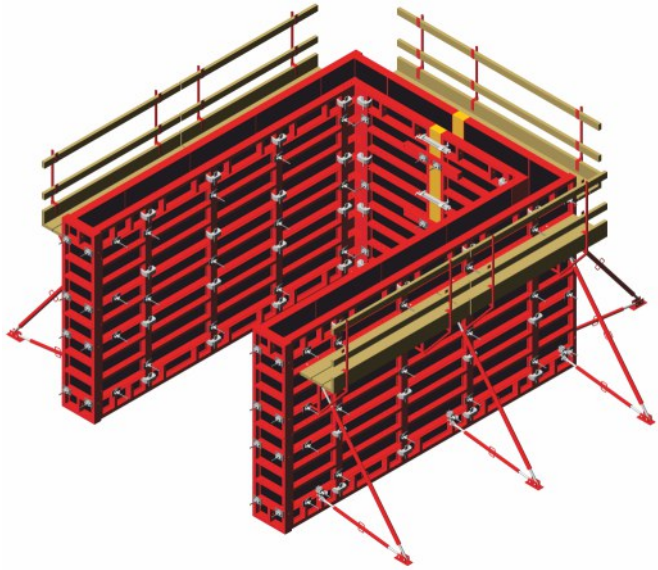
# MAXIFORM / PANEL KALIP SİSTEMİ

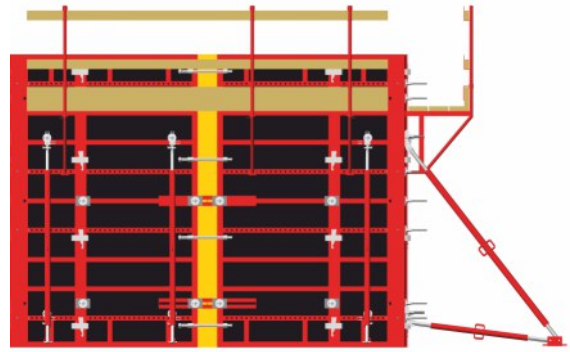
MAXIFORM çelik çerçeve ve plywood yüzeyden oluşan, vinç ile taşınmaya uygun endüstriyel bir perde ve kolon kalıp sistemidir. Paneller tekil veya grup halinde taşınabilir, bu sayede şantiye içerisinde hızlı sirkülasyon sağlanır. Rijit çerçeve yapısı 80 kN/m²'ye kadar taze beton basıncına dayanım sunar. 5 cm aralıklarla yapılabilen ayarlar sayesinde istenilen ölçülerde perde ve kolon uygulamaları kolaylıkla gerçekleştirilebilir. Sistem, tekrarlı ve farklı projelerde pratik kullanım imkânı sağlar. Özel profil tasarımı ve kilit sistemi panellerin hızlı bağlanmasına olanak tanır; kurulum ve söküm süreçlerinde işçilik minimize edilir.

MAXIFORM is an industrial wall and column formwork system consisting of a steel frame and a plywood surface, suitable for crane handling. Panels can be transported individually or in groups, enabling rapid circulation on site. Its rigid frame structure provides resistance to fresh concrete pressure up to 80 kN/m². Thanks to adjustments that can be made at 5 cm intervals, wall and column applications in the desired dimensions can be carried out easily. The system offers practical use in repetitive and varied projects. Its special profile design and locking mechanism allow quick panel connections, minimizing labor during assembly and dismantling.



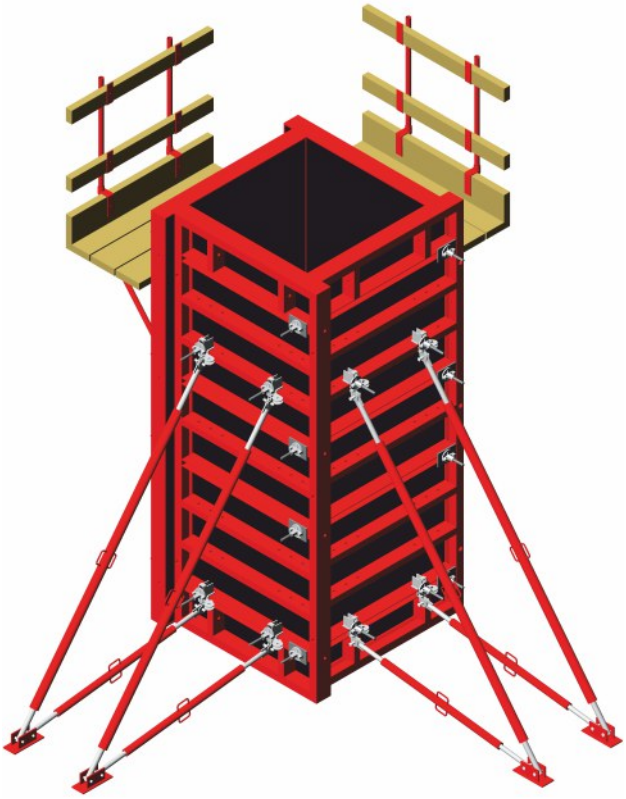
**Maxiform Perde Sistemi Detayı**
**Maxiform Wall System Detail**

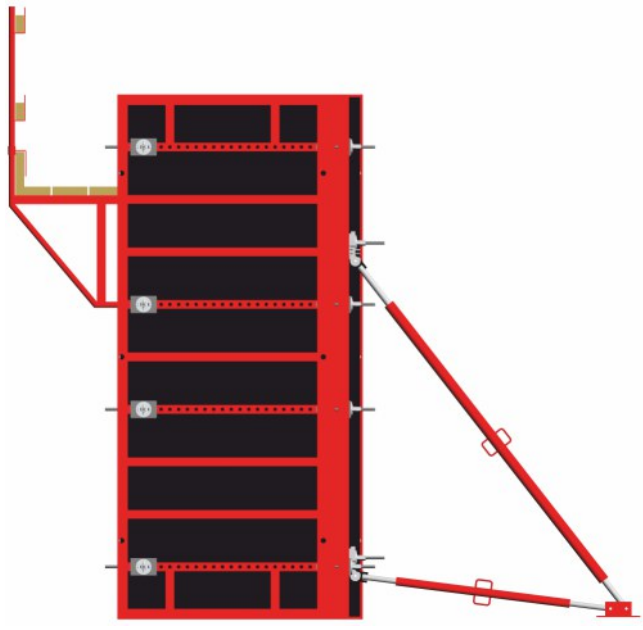






## Maxiform Kolon Sistemi Detayı
## Maxiform Column System Detail



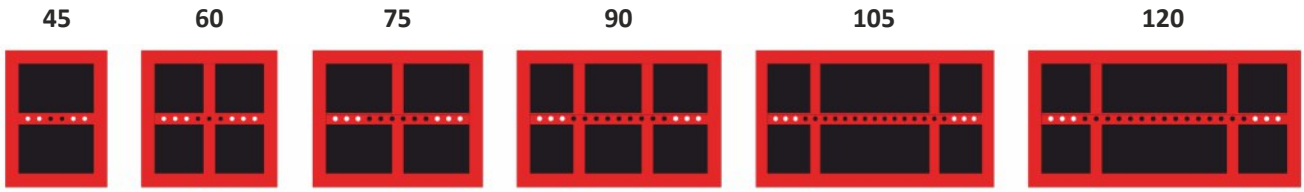


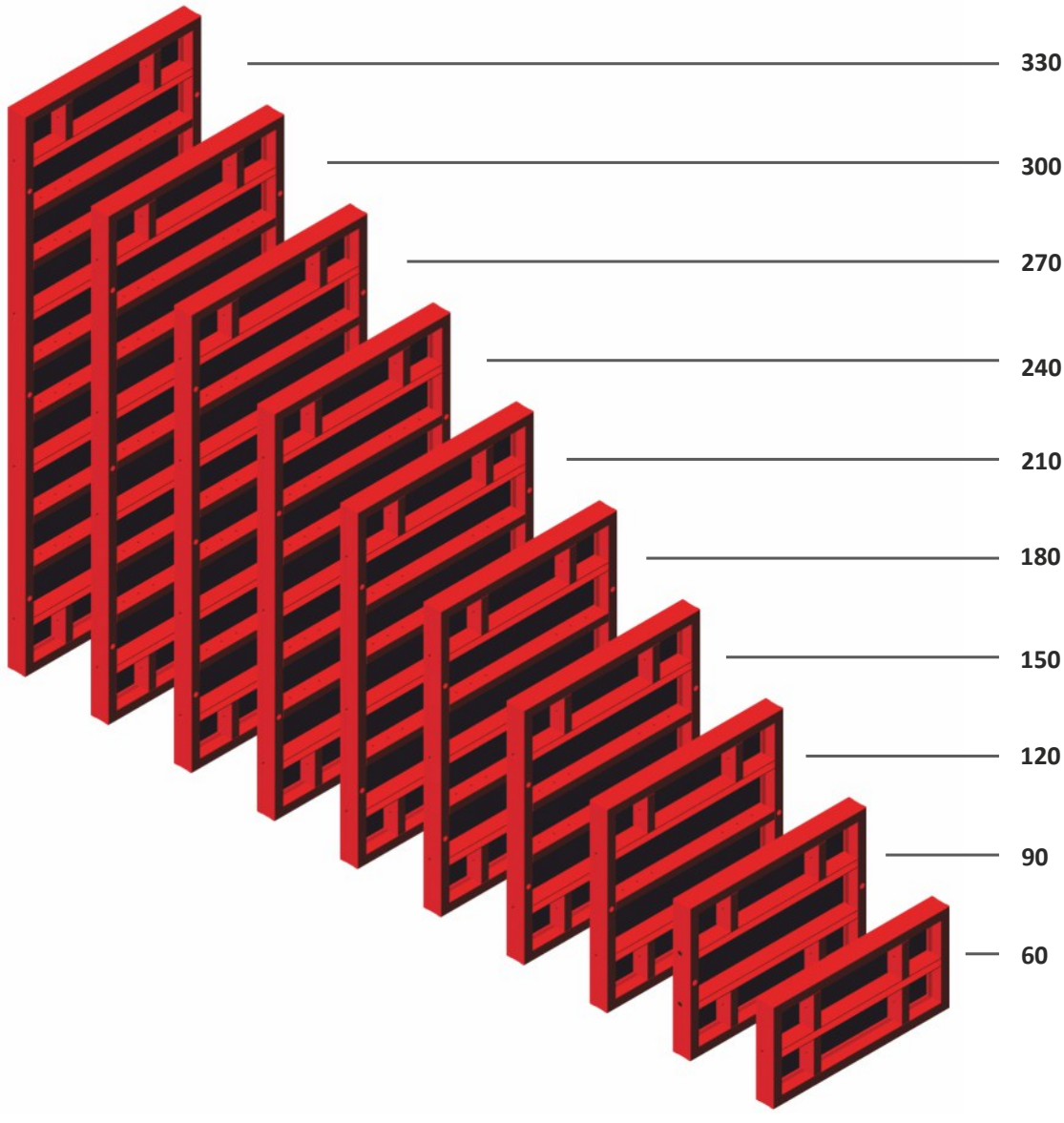


## Panel Ölçüleri / Panel Dimensions

Maxiform paneller hem yatay hem de düşey pozisyonda kullanılabilir. Farklı genişlik ve yükseklik seçenekleri ile oluşturulan kombinasyonlar sayesinde her türlü perde ve kolon ölçüsüne uygun çözümler üretilebilir.

Maxiform panels can be used in both horizontal and vertical positions. Thanks to combinations created with different width and height options, solutions suitable for all types of wall and column dimensions can be produced.



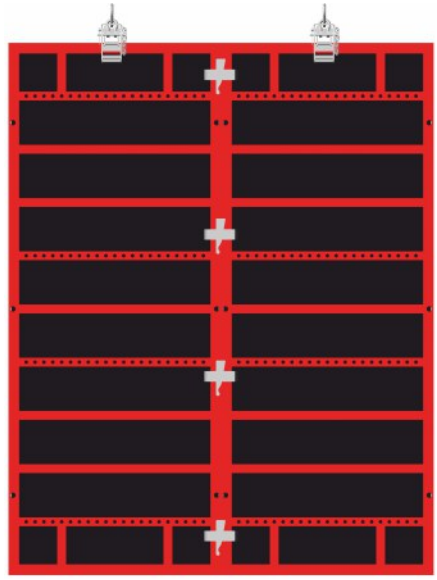


## Maxiform Standart Kilit / Maxiform Standard Lock

Standart kilit, panellerin hızlı, güvenli ve güçlü bir şekilde birleştirilmesini sağlar. Tek hareketle yapılan kilitleme işlemi panelleri birbirine çeker ve doğru hizalanmalarına yardımcı olur.

Standard lock enables panels to be connected quickly, safely, and securely. The locking action, completed in a single movement, pulls the panels together and helps ensure proper alignment.

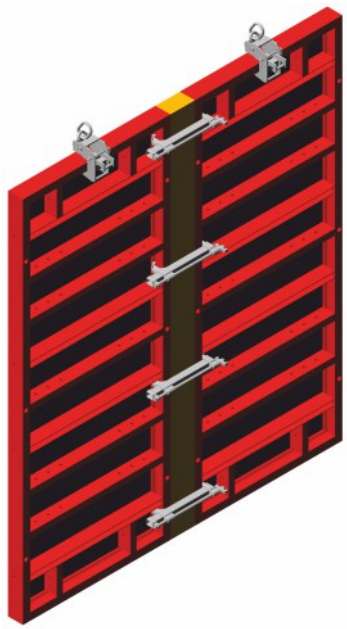


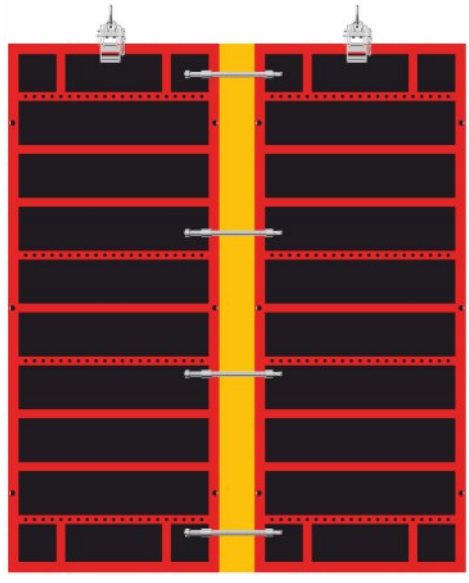


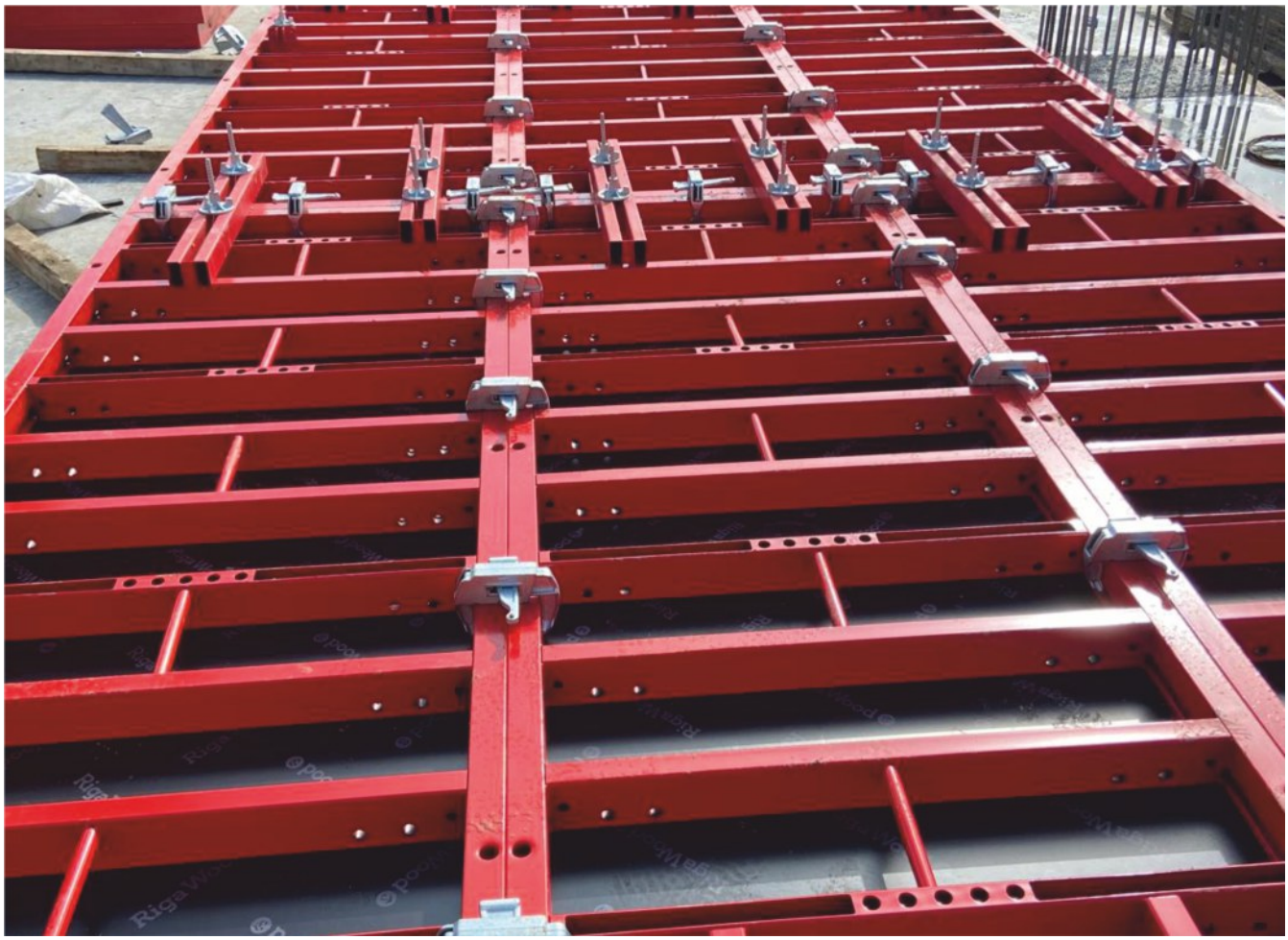
## Maxiform Ayarlanabilir Kilit / Maxiform Adjustable Lock

Ayarlanabilir kilit, paneller arasına 0–20 cm aralığında ahşap ara parçalar yerleştirilmesine imkân tanır ve istenilen ölçüler kolayca elde edilir. Kullanılan ara parçalar, özellikle iç köşelerde panellerin sıkışmasını engelleyerek söküm işlemlerini kolaylaştırır.

Adjustable lock allows wooden spacer pieces to be placed between panels at intervals of 0–20 cm, making it easy to achieve the desired dimensions. The spacers used also prevent the panels from jamming especially at internal corners thereby facilitating dismantling.





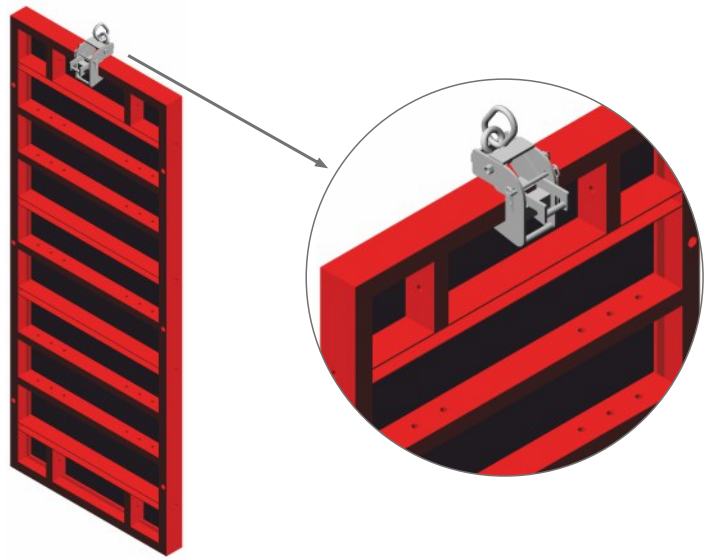




## Maxiform Vinç Kulbu / Maxiform Crane Hook

Vinç kulbu, panellerin tekli veya grup halinde güvenli biçimde taşınmasını sağlar. Güvenli kaldırma için her taşıma işleminde en az iki vinç kulbu kullanılmalı ve emniyet pimlerinin takılı olduğu kontrol edilmelidir. Kilitlerle birleştirilmiş halde toplam 1,5 ton ağırlığında perde kalıbı, iki adet vinç kulbu yardımıyla tek seferde taşınabilmektedir.

Crane hook enables panels to be transported safely, either individually or in groups. For safe lifting, at least two crane hooks must be used for each operation, and it should be checked that the safety pins are in place. Wall formwork weighing a total of 1.5 tons, connected with locks, can be lifted in a single operation using two crane hooks.



## Payanda / Push Pull Prop

Payandalar, kalıbın şaküle alınmasını sağlar ve rüzgâr ile montaj yüklerine karşı stabilite oluşturur. Panellerin devrilmesini önleyerek güvenli çalışma ortamı sunar. Özel olarak tasarlanan payanda kafası ise yatay veya düşey her iki pozisyonda da panellere bağlanabilmektedir.

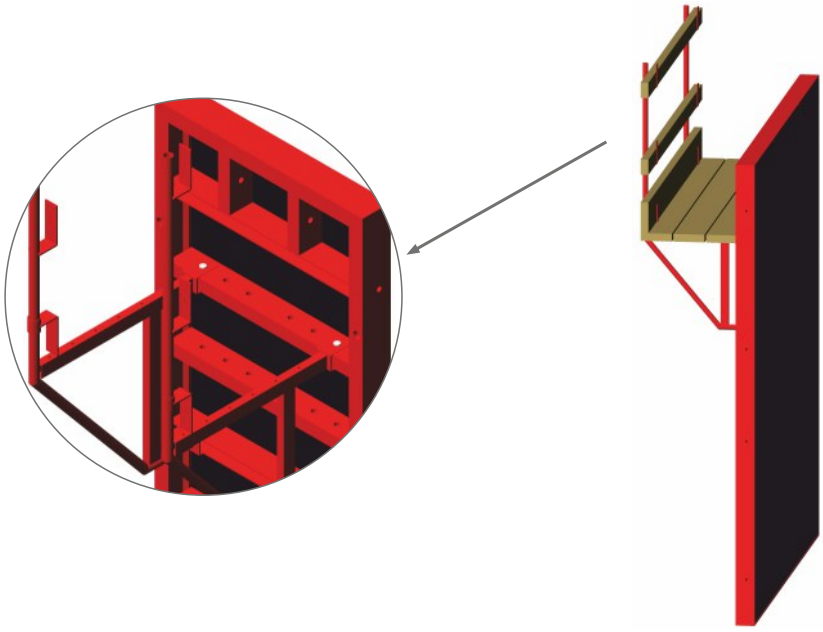
Push pull props ensure the formwork is aligned to plumb and provides stability against wind and erection loads. By preventing panel overturning, it creates a safe working environment. The specially designed push pull prop head can be connected to the panels in both horizontal and vertical positions.



## Maxiform Çalışma Konsolu / Maxiform Working Bracket

Çalışma konsolu, beton dökümü ve montaj işlemleri sırasında işçiler için güvenli bir çalışma platformu oluşturmak amacıyla tasarlanmıştır. Panel üzerine bağlanarak hızlı şekilde kullanıma alınır.

The working bracket is designed to provide a safe operating area for workers during concreting and erection activities. It is quickly put into service by attaching it to the panel.



## Panel Destek Kuşağı / Panel Support Waler

Panellerin üst üste kullanıldığı uygulamalarda pano kuşağı ve kuşak bağlantı elemanları ile sistem stabil hale getirilir. Bu bağlantı, panoların şakülünü korur ve taşıma sırasında oluşabilecek deformasyon risklerini azaltır. Pano kuşakları ayrıca ahşap dolgu kullanılan durumlarda dolgunun desteklenmesi amacıyla da görev yapar.

In applications where panels are stacked vertically, the system is stabilized using panel walers and waler connection components. This connection maintains the plumb alignment of the panels and reduces the risk of deformation that may occur during handling. Panel walers also serve to support the timber infill where it is used.







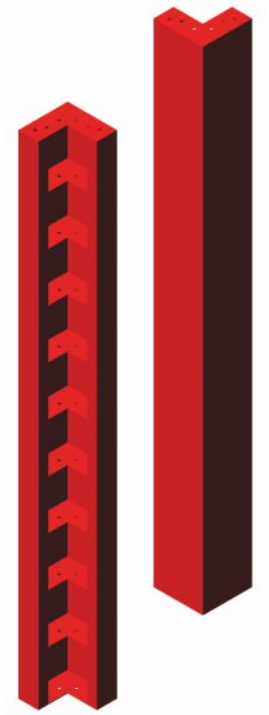
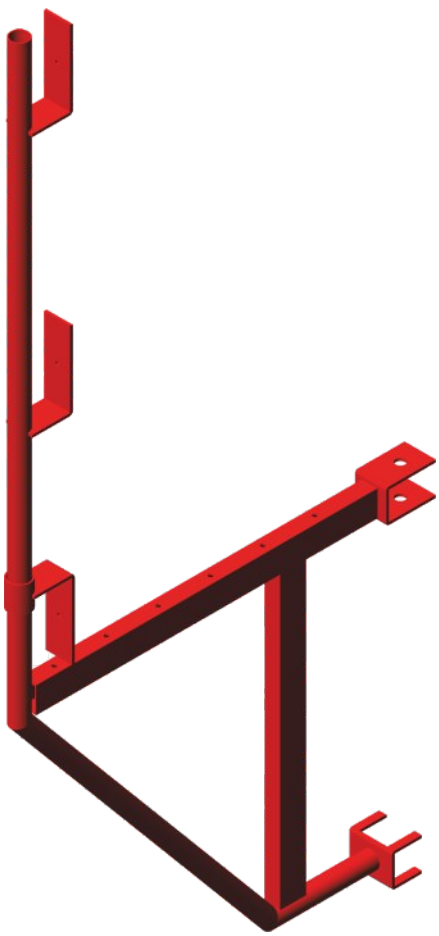




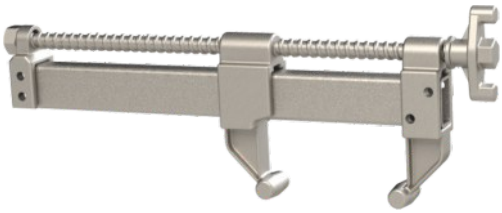
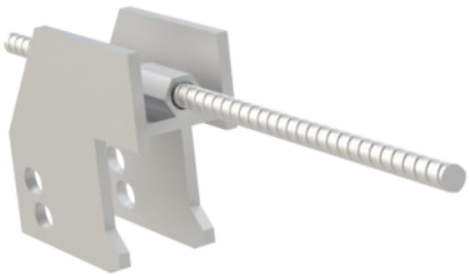


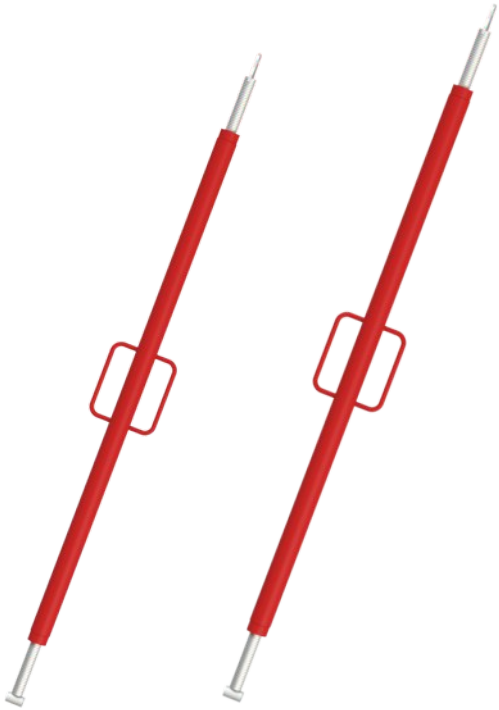
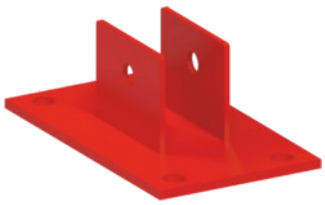
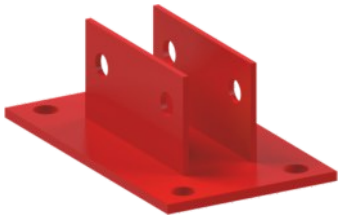


| ÜRÜN<br>Product | ÜRÜN ADI<br>Product Name | KOD<br>Code | BOY<br>Size (cm) | AĞIRLIK<br>Weight (kg) |
|---|---|---|---|---|
| | **MAXIFORM PANEL**<br>**MAXIFORM PANEL** | 475.045.090 | 45*90 | 36,50 |
| | | 475.045.120 | 45*120 | 45,90 |
| | | 475.045.150 | 45*150 | 55,20 |
| | | 475.045.270 | 45*270 | 92,80 |
| | | 475.045.300 | 45*300 | 102,20 |
| | | 475.045.330 | 45*330 | 111,60 |
| | | 475.060.090 | 60*90 | 43,10 |
| | | 475.060.120 | 60*120 | 54,20 |
| | | 475.060.150 | 60*150 | 65,20 |
| | | 475.060.270 | 60*270 | 109,50 |
| | | 475.060.300 | 60*300 | 120,50 |
| | | 475.060.330 | 60*330 | 131,60 |
| | | 475.075.090 | 75*90 | 51,20 |
| | | 475.075.120 | 75*120 | 63,90 |
| | | 475.075.150 | 75*150 | 76,60 |
| | | 475.075.270 | 75*270 | 127,60 |
| | | 475.075.300 | 75*300 | 140,30 |
| | | 475.075.330 | 75*330 | 153,00 |
| | | 475.090.090 | 90*90 | 59,20 |
| | | 475.090.120 | 90*120 | 73,60 |
| | | 475.090.150 | 90*150 | 88,10 |
| | | 475.090.270 | 90*270 | 145,70 |
| | | 475.090.300 | 90*300 | 160,20 |
| | | 475.090.330 | 90*330 | 174,60 |
| | | 475.105.090 | 105*90 | 65,80 |
| | | 475.105.120 | 105*120 | 81,90 |
| | | 475.105.150 | 105*150 | 98,00 |
| | | 475.105.270 | 105*270 | 162,40 |
| | | 475.105.300 | 105*300 | 178,50 |
| | | 475.105.330 | 105*330 | 194,60 |
| | | 475.120.090 | 120*90 | 72,40 |
| | | 475.120.120 | 120*120 | 90,20 |
| | | 475.120.150 | 120*150 | 108,00 |
| | | 475.120.270 | 120*270 | 179,10 |
| | | 475.120.300 | 120*300 | 196,80 |
| | | 475.120.330 | 120*330 | 214,60 |

| ÜRÜN<br>Product | ÜRÜN ADI<br>Product Name | KOD<br>Code | BOY<br>Size (cm) | AĞIRLIK<br>Weight (kg) |
|---|---|---|---|---|
|  | **MAXIFORM İÇ KÖŞE**<br>**MAXIFORM INTERNAL CORNER** | 477.030.090 | 30*30*90 | 36,30 |
| | | 477.030.120 | 30*30*120 | 47,00 |
| | | 477.030.150 | 30*30*150 | 58,10 |
| | | 477.030.270 | 30*30*270 | 102,60 |
| | | 477.030.300 | 30*30*300 | 113,70 |
| | | 477.030.330 | 30*30*330 | 124,90 |
| | | 478.040.090 | 40*40*90 | 43,20 |
| | | 478.040.120 | 40*40*120 | 56,50 |
| | | 478.040.150 | 40*40*150 | 69,80 |
| | | 478.040.270 | 40*40*270 | 122,90 |
| | | 478.040.300 | 40*40*300 | 136,20 |
| | | 478.040.330 | 40*40*330 | 149,50 |
| | | 479.050.090 | 50*50*90 | 50,50 |
| | | 479.050.120 | 50*50*120 | 66,00 |
| | | 479.050.150 | 50*50*150 | 81,50 |
| | | 479.050.270 | 50*50*270 | 143,20 |
| | | 479.050.300 | 50*50*300 | 158,70 |
| | | 479.050.330 | 50*50*330 | 174,10 |
|  | **PANEL ÇALIŞMA KONSOLU**<br>**PANEL WORKING BRACKET** | 480.100.100 | | 10,00 |

| ÜRÜN<br>Product | ÜRÜN ADI<br>Product Name | KOD<br>Code | BOY<br>Size (cm) | AĞIRLIK<br>Weight (kg) |
|---|---|---|---|---|
|  | **PANEL KALIP DESTEK KUŞAĞI**<br>**PANEL FORMWORK SUPPORT WALER** | 480.200.075<br>480.200.100<br>480.200.150<br>480.200.200 | 75<br>100<br>150<br>200 | 8,28<br>11,04<br>16,56<br>22,08 |
|  | **YASSI TIE-ROD MİLİ Ø15/17**<br>**DYWIDAG TIE-ROD Ø15/17** | 450.102.050<br>450.102.100<br>450.102.120<br>450.102.150<br>450.102.200<br>450.102.250<br>450.102.300<br>450.102.400<br>450.102.500<br>450.102.600 | 50<br>100<br>120<br>150<br>200<br>250<br>300<br>400<br>500<br>600 | 0,75<br>1,50<br>1,80<br>2,25<br>3,00<br>3,75<br>4,50<br>6,00<br>7,50<br>9,00 |
|  | **KARE TABLALI SOMUN**<br>**SQUARE NUT** | 480.300.120 | 120*120mm | 1,25 |
|  | **TIE-ROD SOMUNU**<br>**TIE-ROD NUT** | 450.106.070<br>450.106.080<br>450.106.090<br>450.106.100 | Ø70mm<br>Ø80mm<br>Ø90mm<br>Ø100mm | 0,28<br>0,35<br>0,42<br>0,55 |

| ÜRÜN<br>Product | ÜRÜN ADI<br>Product Name | KOD<br>Code | BOY<br>Size (cm) | AĞIRLIK<br>Weight (kg) |
|---|---|---|---|---|
|  | **MAXIFORM STANDART KİLİT**<br>**MAXIFORM STANDARD LOCK** | 480.300.200 | | 2,85 |
|  | **MAXIFORM AYARLANABİLİR KİLİT**<br>**MAXIFORM ADJUSTABLE LOCK** | 480.300.210 | | 5,40 |
|  | **MAXIFORM**<br>**ALIN ÇEKTİRME ELEMANI**<br>**MAXIFORM END PLATE** | 480.300.220 | | 1,80 |
|  | **DESTEK KUŞAĞI**<br>**BAĞLAMA ELEMANI L**<br>**SUPPORT WALER CONNECTOR L** | 480.300.230 | | 0,60 |
|  | **MAXIFORM KÖŞE MİLİ**<br>**MAXIFORM CORNER CONNECTOR** | 480.300.242 | | 0,66 |

| ÜRÜN<br>Product | ÜRÜN ADI<br>Product Name | KOD<br>Code | BOY<br>Size (cm) | AĞIRLIK<br>Weight (kg) |
|---|---|---|---|---|
|  | **PAYANDA Ø60*3mm**<br>**PUSH PULL PROP Ø60*3mm** | 470.201.060<br>470.201.085<br>470.201.100<br>470.201.120<br>470.201.150<br>470.201.200<br>470.201.270<br>470.201.320<br>470.201.350 | 60<br>85<br>100<br>120<br>150<br>200<br>270<br>320<br>350 | 9,71<br>10,69<br>11,57<br>12,06<br>13,24<br>15,20<br>17,94<br>19,90<br>21,08 |
| | **PAYANDA Ø76*4mm**<br>**PUSH PULL PROP Ø76*4mm** | 470.204.180<br>470.204.420 | 180<br>420 | 19,92<br>35,77 |
|  | **PANEL PAYANDA KAFASI**<br>**PANEL PUSH PULL PROP HEAD** | 480.300.250 | | 3,20 |
|  | **PAYANDA TABANI TEKLİ**<br>**PUSH PULL PROP SINGLE PLATE** | 470.160.013 | | 1,37 |
|  | **PAYANDA TABANI ÇİFTLİ**<br>**PUSH PULL PROP DOUBLE PLATE** | 470.160.014 | | 3,26 |
|  | **MAXIFORM**<br>**ZEMİN SABİTLEME ELEMANI**<br>**MAXIFORM BOTTOM FIXER** | 480.300.260 | | 6,50 |

| ÜRÜN<br>Product | ÜRÜN ADI<br>Product Name | KOD<br>Code | BOY<br>Size (cm) | AĞIRLIK<br>Weight (kg) |
|---|---|---|---|---|
|  | **TELESKOPİK DEV PAYANDA Ø76*4mm / Ø60*4mm**<br>TELESCOPIC PUSH PULL PROP Ø76*4mm / Ø60*4mm | 470.301.100 | 600/600 | 85,74 |
| | **TELESKOPİK DEV PAYANDA Ø89*4mm / Ø76*4mm**<br>TELESCOPIC PUSH PULL PROP Ø89*4mm / Ø76*4mm | 470.302.100 | 600/600 | 103,33 |
|  | **MAXIFORM VİNÇ KULBU**<br>MAXIFORM CRANE HOOK | 480.300.270 | | 8,30 |
|  | **PİM**<br>PIN | 460.102.002<br>460.102.003 | 16*80mm<br>16*130mm | 0,15<br>0,25 |
|  | **FİRKETE**<br>COTTER PIN | 460.102.005 | 3,0mm | 0,01 |
|  | **CIVATA SOMUN**<br>BOLT AND NUT | 460.103.002 | 16*60mm | 0,15 |
|  | **MULTİ MONTİ**<br>MULTI MONTI | 460.103.012<br>460.103.013 | 12*100mm<br>14*075mm | 0,15<br>0,15 |

# İS-KA İSKELE
## KALIP SİSTEMLERİ

1997'den beri

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