



Industrial Column & Wall Formwork System

Flexible H20 timber-beam formwork with steel walers



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Industrial Column & Wall Formwork System

Flexible H20 timber-beam formwork with steel walers

Built from plywood, H20 timber beams, steel walers and steel accessories. Moving the main components adapts it to different strengths, sizes and sections, and panels can be joined into larger units.

- Different column sizes from the same parts, so columns that shrink on upper floors add no cost
- Reusable many times without dismantling until the end of the job
- Saves cost: easy assembly, crane-moved, no plastering
- Formwork assembly drawings cut waste and site errors
- With steel add-ons and curved timber it also forms curved walls
- Residential, industrial, high-rise, treatment and power plants, bridge piers



STANDARD PANEL WIDTH
100 – 300 cm (25 cm adim / steps)

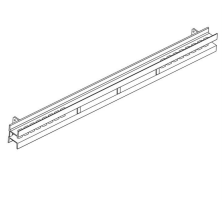
FORMWORK HEIGHT
250 – 600 cm

COLUMN FORM MAX. CONCRETE PRESSURE
90 kN/m²

MAX. H20 SPACING (COLUMN)
23 cm

H20 beams per side by column width

Column width (cm)	20	30	40	50	60	70	87
H20 beams	2	2	3	3	4	4	5



Steel Waler

Code	Weight (kg)	Length (cm)	Profile
BCF0001	14,30	75	NPU 100
BCF0002	20,10	100	NPU 100
BCF0003	24,70	125	NPU 100
BCF0004	30,90	150	NPU 100
BCF0005	33,50	175	NPU 100
BCF0006	39,90	200	NPU 100
BCF0007	47,10	225	NPU 100
BCF0008	48,10	250	NPU 100
BCF0009	58,10	275	NPU 100
BCF0010	60,50	300	NPU 100

Special sizes and sections can be produced for the project.

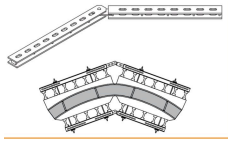


4 Kuzak kamzası ile kullanılır. Çelik kuzaklar arası sıkıleştirici sağlar.

Waler Coupler

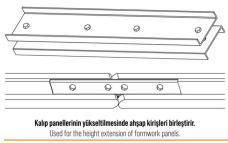
Code	Weight (kg)	Length (cm)
BCF0016	9,40	100
BCF0017	13,70	150

Used with 4 waler wedges for a continuous, tight connection between walers.



Swivel Waler Coupler

Code	Weight (kg)	Length (cm)	Length 2 (cm)
BCF0018	12,40	65	120
BCF0019	15,00	80	150



Kalıp panelinin yüksekliğinde ahşap kirişleri birleştirir. Used for the height extension of formwork panels.

H2O Extension Splice

Code	Weight (kg)
BCF0020	6,50

Joins timber beams to extend panel height.

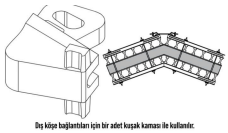


Ahşap kirişlerin çelik kuzaklara bağlanması sağlar. For connecting wooden beams to steel walers.

H2O Hook Strap

Code	Weight (kg)
BCF0021	0,80

Connects timber beams to steel walers.

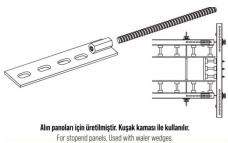


Diş köşeyi bağlamak için bir adet kuzak kamzası ile kullanılır.

Outer Corner Connector

Code	Weight (kg)
BCF0022	2,60

Used with one waler wedge to tension external corners.



Akım panelleri için üretilmiştir. Kuzak kamzası ile kullanılır. For stop-end panels; used with waler wedges.

Stop-End Tie

Code	Weight (kg)
BCF0023	3,20

For stop-end panels; used with waler wedges.

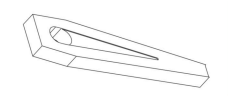


Bölge lerde ahşap kirişlerin kuzak birleştirme elemanlarına bağlanması sağlar. Bir adet ahşasur kamzası gerekir. For connecting wooden beams to waler couplers with one wedge to form infills.

Beam Compression Coupler

Code	Weight (kg)
BCF0024	1,20

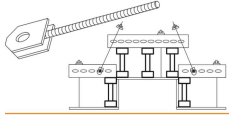
Connects timber beams to waler couplers for infills; needs one wedge.



Waler Wedge

Code	Weight (kg)
BCF0026	0,40

Used with waler couplers, outer corner connectors and stop-end ties.



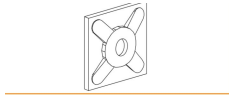
Pulling Bar

Code	Weight (kg)
BCF0027	2,10



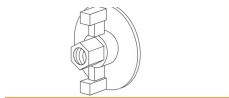
Tie Rod

Code	Weight (kg)	Length (cm)	Diameter (mm)
BCF0028	1,50	100	17
BCF0029	1,90	125	17
BCF0030	2,30	150	17
BCF0031	2,60	175	17
BCF0032	3,00	200	17
BCF0033	3,40	225	17
BCF0034	3,80	250	17
BCF0035	3,00	300	24



Tie Plate

Code	Weight (kg)
BCF0036	0,50



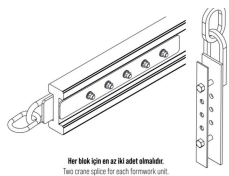
Wing Nut

Code	Weight (kg)
BCF0037	0,50



Timber Screw (6/60)

Code	Weight (kg)
BCF0038	0,02



Crane Lifting Hook Set

Code	Weight (kg)
BCF0040	4,70

At least two per formwork unit.



Push-Pull Prop Head

Code	Weight (kg)
BCF0041	2,60

Connects push-pull props to steel walers.



Code	Weight (kg)
BCF0042	0,40

Code	Weight (kg)
BCF0043	0,03



Code	Weight (kg)	H min (cm)	H max (cm)
BCF0044	23,20	165	225
BCF0045	25,90	225	285
BCF0046	31,20	300	360
BCF0047	34,40	330	390
BCF0048	38,00	435	495

Bir adet pim ve bir adet kopilya ile kullanılır.
Used with one pin and one detent pin.

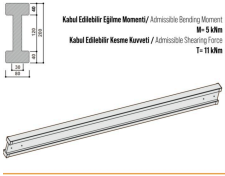
Code	Weight (kg)
BCF0049	1,80

İki adet pim ve iki adet kopya ile kullanılır.

Code	Weight (kg)
BCF0050	3,50

Code	Weight (kg)
BCF0051	8,40

Recommended spacing 1.25 m. Fixed to the H20 beam with one bolt and one nut.



H20 Timber Beam

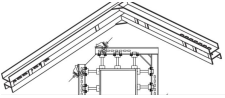
Code	Weight (kg)	Length (cm)
BCF0052	12,30	245
BCF0053	13,30	265
BCF0054	14,50	290
BCF0055	16,50	330
BCF0056	18,00	360
BCF0057	19,50	390
BCF0058	22,50	450
BCF0059	24,50	490
BCF0060	29,50	590

Admissible bending moment $M = 5 \text{ kNm}$, admissible shear force $T = 11 \text{ kN}$.

Plywood Panel (2500 × 1250 × 18 mm)

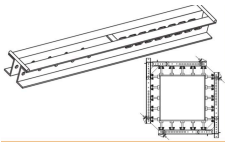
Code	Weight (kg)	Height (cm)	Length (cm)	Thickness (mm)
BCF0061	40,00	125	250	18

Column Waler



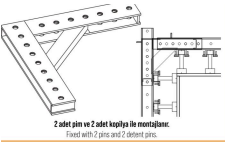
Code	Weight (kg)	Length (cm)	Length 2 (cm)	Profile
BCF0062	60,10	150	150	NPU 100
BCF0063	52,00	130	130	NPU 100
BCF0064	46,70	110	110	NPU 100
BCF0065	35,30	90	90	NPU 100
BCF0066	28,20	70	70	NPU 100

Adjustable Column Waler



Code	Weight (kg)	Length (cm)
BCF0067	24,30	115
BCF0068	31,40	145

Adjustable Corner Square



Code	Weight (kg)	Length (cm)	Length 2 (cm)
BCF0069	8,70	45	45

Fixed with 2 pins and 2 cotter pins.

Connection Pin



Code	Weight (kg)	Length (cm)
BCF0070	0,40	120

Used on column and wall walers.

Request a quote

Send us the product codes and quantities. We quote EXW (ex works, factory price) — the fastest quote we can give. For FOB, CIF or CFR we collect forwarder offers and add the freight as a separate line.

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Technical values are based on manufacturer data and may vary by ± 10 % depending on raw material supply. Weights are gross values for shipping estimates. Sizes, shapes and weights may change without notice.