

# GEOPANEL STAR



## ADJUSTABLE COLUMN FORMWORK



# THE GEOPANEL STAR

Geopanel Star is a series of adjustable column formwork panels that brings incredible flexibility and quality to construction sites.

Strong but light, as no element is heavier than 11 kg and Geopanel Star formwork can be moved by hand or by crane as best suiting the job schedule.

Column size is adjustable in 100 mm increments, and panels can be combined with other Geopanel Star forms as well as with Geopanel and Geotub parts in a usefully large number of possible combinations.

## POUR COLUMNS UP TO 4.2 M IN A SINGLE LIFT

## ADJUST SIZES AT 100 MM INTERVALS

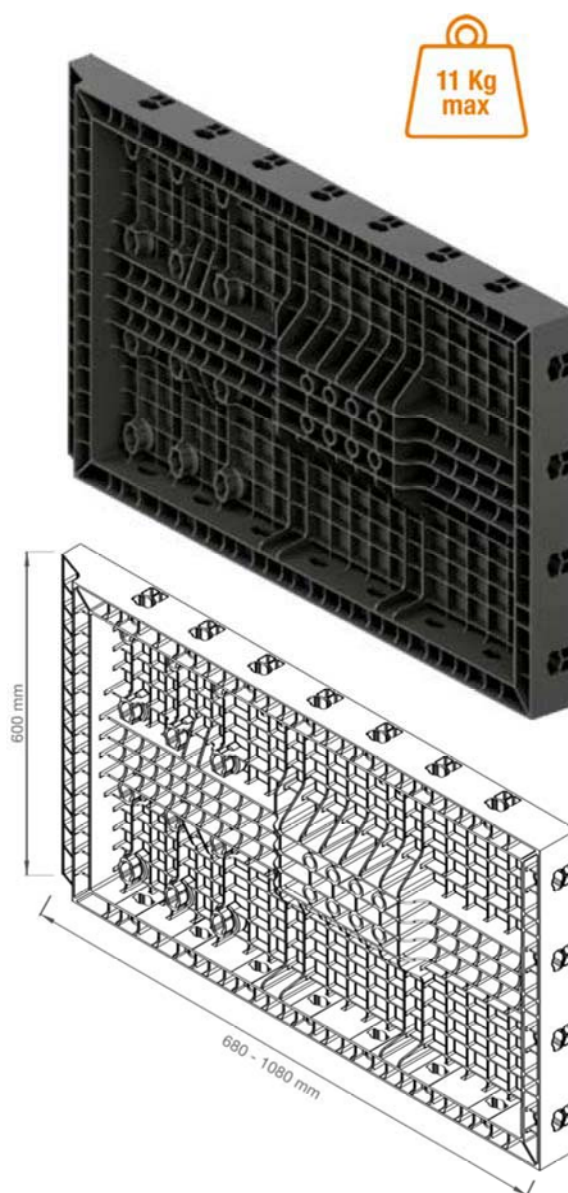
## MAX WEIGHT PER ELEMENT LESS THAN 11 KG

Geopanel Star is composed by three different size of panels, each adjustable by 100 mm increments, which combine to form columns in sizes between 200 mm and 1000 mm.

The combination with Geopanel wall panels further expands the possible combinations from 120 mm to well over 1000 mm.

After concrete setting the formwork is not necessarily completely disassembled: it can much more simply be split in two half-shells which are much faster to handle and prepare for the next pour.

Half a Geopanel Star column formwork can weigh less than 80 kg, making handling really simple.



Element	Dimensions (mm)	Sizes (m)	Contact surface (m <sup>2</sup> )	Weight (kg)
<b>GEOPANEL STAR 20-60</b>	680 x 605 x 80	0.60 x 0.20 / 0.30 / 0.40 / 0.50 / 0.60	0.363	7.03
<b>GEOPANEL STAR 25-65</b>	730 x 605 x 80	0.60 x 0.25 / 0.35 / 0.45 / 0.55 / 0.65	0.393	7.43
<b>GEOPANEL STAR 70-100</b>	1080 x 605 x 80	0.60 x 0.70 / 0.80 / 0.90 / 1.00	0.605	10.42

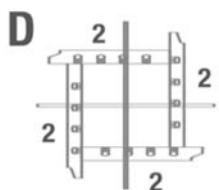
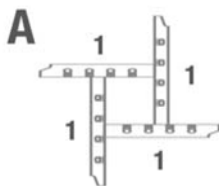
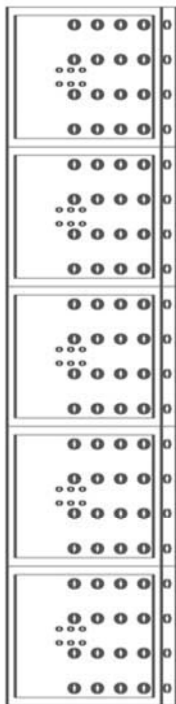
# COMBINATIONS AND ELEVATIONS

COMBINATION SIZES	STAR 12-15/20-60	STAR 25-65	STAR 70-100
STAR 12-15/20-60	A - B - D	A - B - D	C - E
STAR 25-65		A - B - D	C - E
STAR 70-100			F

The Geopanel Star panel range is adjustable to a range of column sizes from 120 mm to 1000 mm. The different panels can be combined with each other in order to obtain the desired size combination.

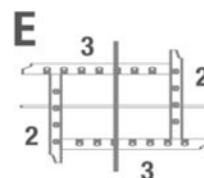
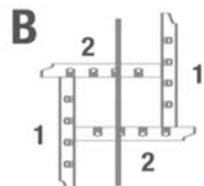
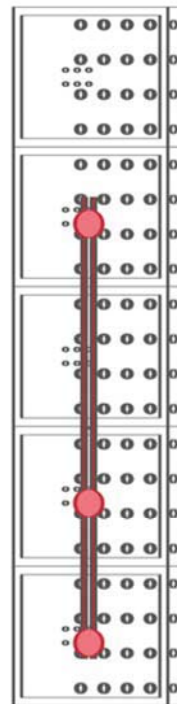
## 1

ELEVATION FOR SIDES EQUAL TO:  
120, 150, 200, 250, 300, 350, 400 mm



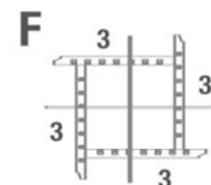
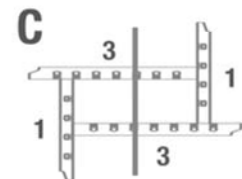
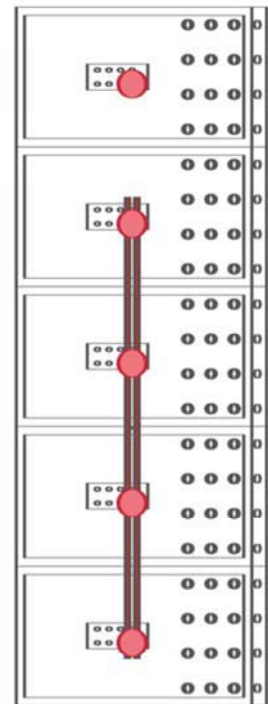
## 2

ELEVATION FOR SIDES EQUAL TO:  
450, 500, 550, 600, 650 mm



## 3

ELEVATION FOR SIDES EQUAL TO:  
700, 800, 900, 1000 mm



# GEOPANEL STAR INSTALLATION GUIDE

- (A) HANDLE
- (B) SPACER
- (C) GEOPANEL STAR
- (D) TIE ROD
- (E) ALIGNMENT BAR
- (F) ANCHOR NUT
- (G) CHAMFER (OPTIONAL)

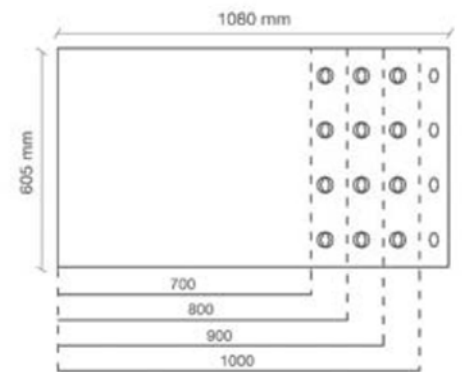
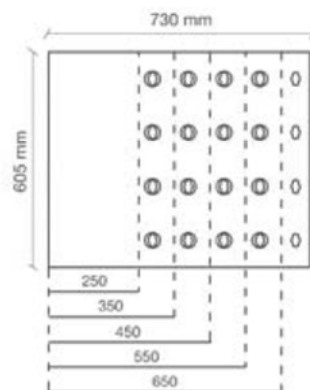
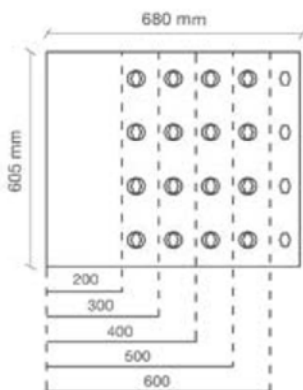


**GEOPANEL STAR 20/60**

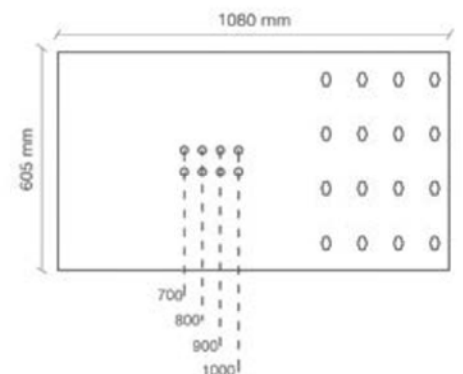
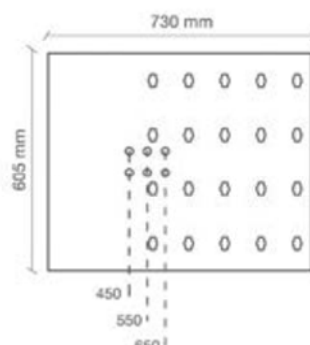
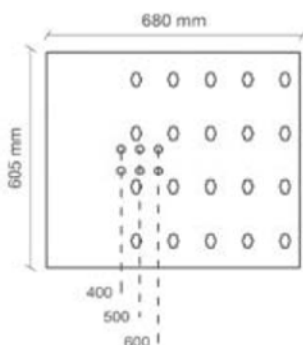
**GEOPANEL STAR 25/65**

**GEOPANEL STAR 70/100**

**DIMENSIONS  
COLUMNS  
SIDES**



**HOLES  
TIE RODS**



# COLUMNS

Geopanel Star is a high-strength column formwork made of tough ABS polymer. It can take all the wear and tear of a construction site while simplifying the concrete forming tasks, reducing the crane workload and improving the site logistics.



# FOUNDATION SPECIALIST

The Geopanel Star formwork panels comes into their own when used as a foundation formwork. Their versatility and ease of use make them ideal as footing and plinth-formwork.

As Geopanel Star elements can be combined with Geopanel formwork panels, their usefulness for foundation forming is greatly amplified.



# COMBINATION WITH GEOPANEL

Geopanel Star panels are part of the Geopanel formwork system, and combine with all other Geopanel elements. The combined formwork range expands to sizes below and above those that Geopanel Star panels alone can achieve. When columns of size greater than 1 m need to be formed the combination of Geopanel Star and Geopanel elements is the correct answer.



## COLUMN SIZE 120 MM AND 150 MM

Geopanel Star formwork columns of sizes 120 and 150 mm are formed using the Geopanel 35x60 wall panel, which has in fact a double use. Geopanel 35x60 has openings in its face that make possible a perpendicular connection just as with the Geopanel Star elements.

Geopanel 35x60 is used on its own for columns of 120x120 mm, 120x150 mm or 150x150 mm, or in combination with other Geopanel Star panels.

