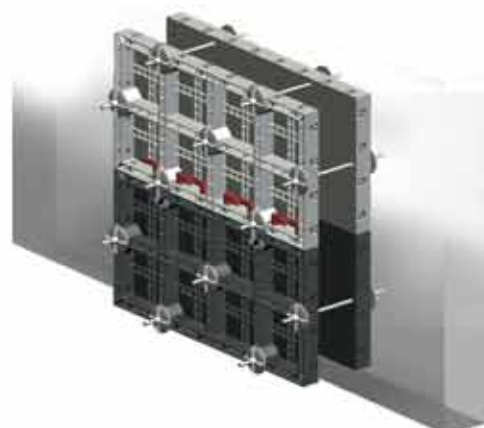




# GEO PANEL *Pools*



Modular and reusable formwork for reinforced concrete walls



casseforme  
formwork

[www.geoplast.it](http://www.geoplast.it)



PLASTIC IN THE FUTURE









## SIMPLICITY



**GEOPANEL®** system is light and easy to assemble. Thanks to few easy accessories it can be erected even by a single person, with no need of mechanical devices.

## INSTALLATION



The outer ribbing is designed for simple propping and plumbing. The panels have holes to fit standard tie-rods and spacers.

## REUSAGE



**GEOPANEL®** is highly resistant, allowing fast pour operations and an adequate vibration of the concrete: the result is a perfectly smooth concrete surface. Dismantling and cleaning are quick and easy as the panels do not require any releasing agents or detergents.

### EFFECTIVENESS



The great versatility of **GEOPANEL®** makes it possible to include accessories and systems in the formwork, avoiding any rework after concrete stripping.

### COST SAVING



The high surface quality of the concrete does away with the need for any rendering. The liner is installed directly onto the concrete wall without the need of any protective layer in between. Prefabricated stairs of any kind can be quickly installed after formwork dismantling.

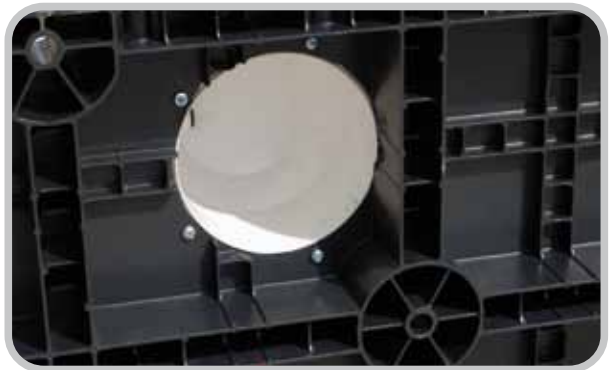
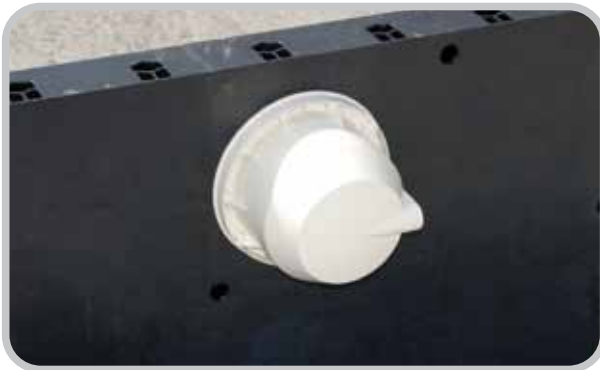
### CONSTRUCTION TIME



Just a few working days are sufficient to complete the job with speed and ease, with no need of special competence or special lifting equipment.



## LIGHTS AND SKIMMER



**GEOPANEL®** can be easily altered to insert lights, skimmers and any type of nozzle in the required position.

## STRIPPING



Stripping the lights and the skimmer is very simple as it only requires the removal of the screws that fasten them to the panels. As a result the objects are a perfectly flush with the wall.

## RESULT

The concrete finish is smooth and free of imperfections in one simple pour operation, significantly cutting the time to complete the pool.



## GEOPANEL® JOB-SITE VERSATILITY

### CORNERS AND COMPENSATION TANKS



Thanks to the several possible panel combinations and the special inner- and outer-corner elements any right-angle corner or wall intersection can be easily formed.

The system is very versatile and can be used for a wide range of designs, as well as for compensation tanks in overflow pools.

### VARIABLE-DEPTH POOLS

Thanks to its modularity **GEOPANEL®** is used successfully to form pools of variable depth.

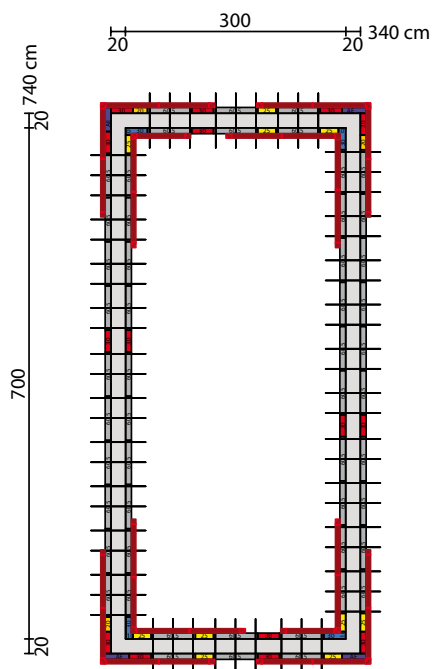


### POOL COVER ROLLERS

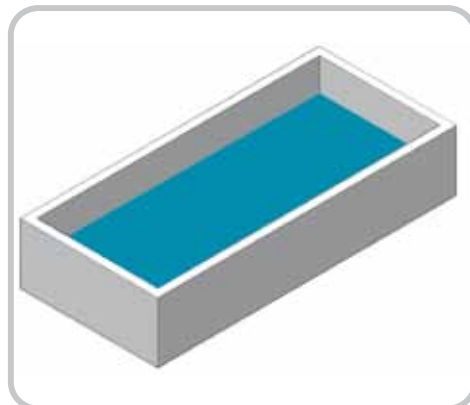
With **GEOPANEL®** it's easy to build the pool and the housing for an in-ground pool cover roller in a single concrete pour.



## MODEL GP73



### POOL SIZE 7 x 3 - H1.50 m



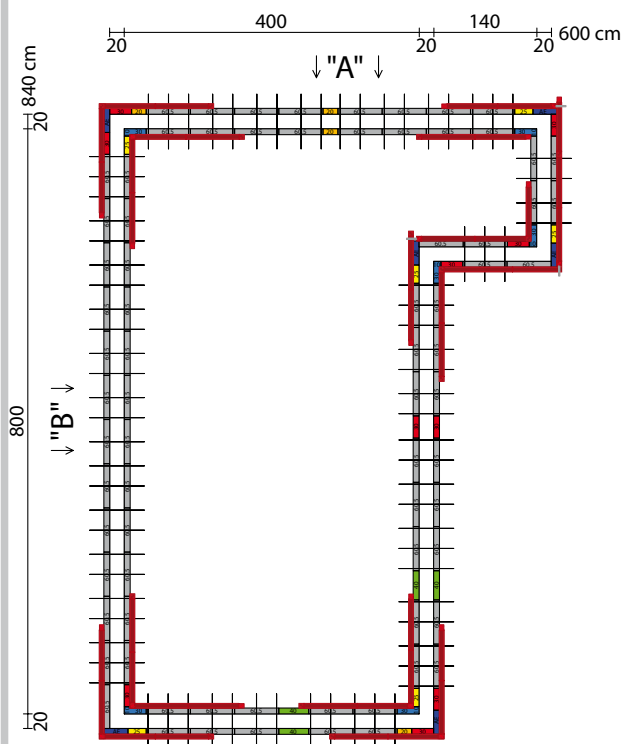
#### MODEL GP73

Items	No. pieces
Geopanel 121 x 60.5 cm	52
Geopanel 40 x 60 cm	-
Geopanel 30 x 60 cm	97
Geopanel 25 x 60 cm	30
Geopanel 20 x 60 cm	9
Geopanel inner corner	12
Geopanel outer corner	12
m <sup>2</sup> formwork	66

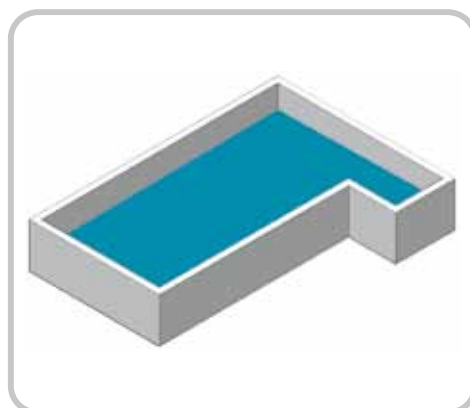
#### MODEL GP73S with steps housing

Items	No. pieces
Geopanel 121 x 60.5 cm	61
Geopanel 40 x 60 cm	6
Geopanel 30 x 60 cm	97
Geopanel 25 x 60 cm	30
Geopanel 20 x 60 cm	6
Geopanel inner corner	18
Geopanel outer corner	18
m <sup>2</sup> formwork	76

## MODEL GP84/S



### POOL SIZE 8 x 4 - H1.50 m



#### MODEL GP84

Items	No. pieces
Geopanel 121 x 60.5 cm	70
Geopanel 40 x 60 cm	12
Geopanel 30 x 60 cm	88
Geopanel 25 x 60 cm	12
Geopanel 20 x 60 cm	6
Geopanel inner corner	12
Geopanel outer corner	12
m <sup>2</sup> formwork	77

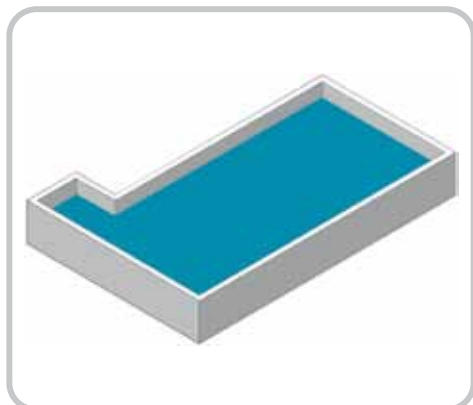
#### MODEL GP84S with steps housing

Items	No. pieces
Geopanel 121 x 60.5 cm	75
Geopanel 40 x 60 cm	12
Geopanel 30 x 60 cm	105
Geopanel 25 x 60 cm	18
Geopanel 20 x 60 cm	12
Geopanel inner corner	18
Geopanel outer corner	18
m <sup>2</sup> formwork	88



## GEOPANEL® BASE TYPES

### POOL SIZE 10 x 5 - H1.50 m



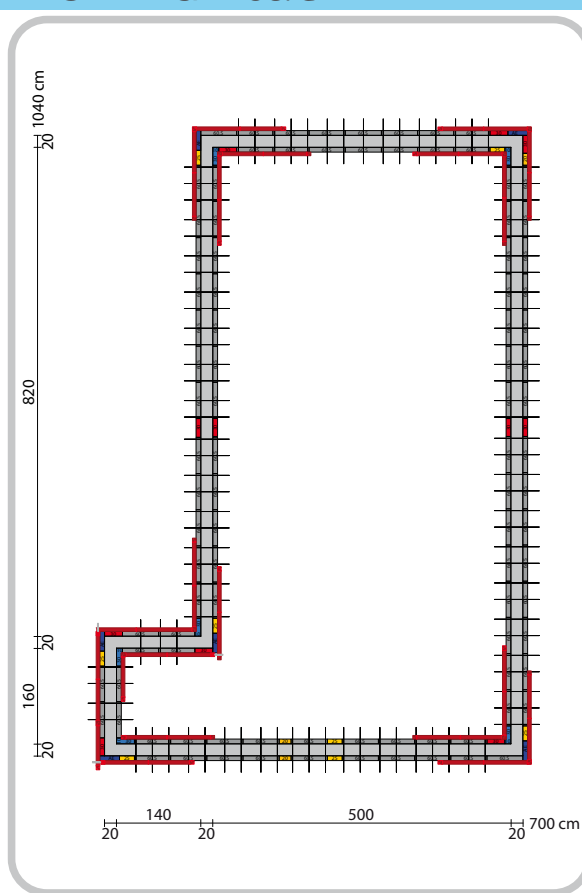
#### MODEL GP105

Items	No. pieces
Geopanel 121 x 60.5 cm	90
Geopanel 40 x 60 cm	-
Geopanel 30 x 60 cm	117
Geopanel 25 x 60 cm	18
Geopanel 20 x 60 cm	3
Geopanel inner corner	12
Geopanel outer corner	12
m² formwork	95

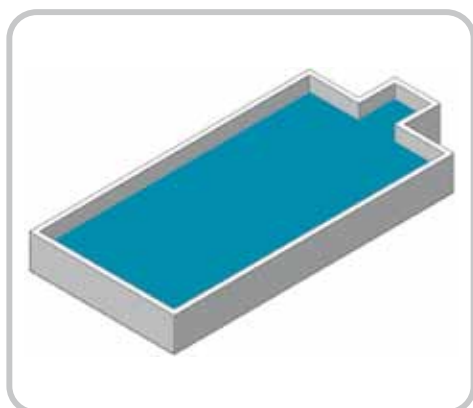
#### MODEL GP105S with steps housing

Items	No. pieces
Geopanel 121 x 60.5 cm	96
Geopanel 40 x 60 cm	-
Geopanel 30 x 60 cm	129
Geopanel 25 x 60 cm	24
Geopanel 20 x 60 cm	9
Geopanel inner corner	18
Geopanel outer corner	18
m² formwork	105

### MODEL GP105/S



### POOL SIZE 12 x 6 - H1.50 m



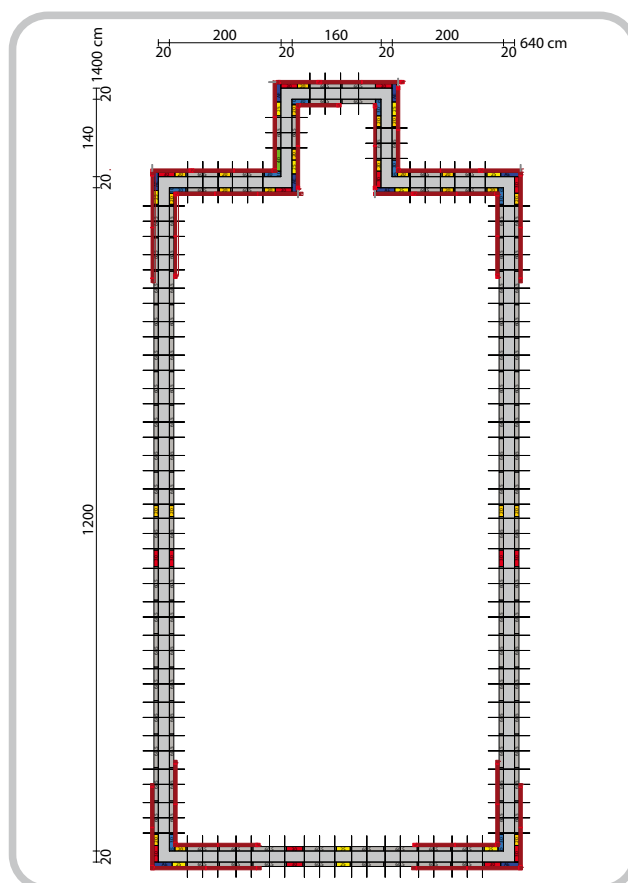
#### MODEL GP126

Items	No. pieces
Geopanel 121 x 60.5 cm	104
Geopanel 40 x 60 cm	-
Geopanel 30 x 60 cm	140
Geopanel 25 x 60 cm	24
Geopanel 20 x 60 cm	36
Geopanel inner corner	12
Geopanel outer corner	12
m² formwork	114

#### MODEL GP126S with steps housing

Items	No. pieces
Geopanel 121 x 60.5 cm	104
Geopanel 40 x 60 cm	3
Geopanel 30 x 60 cm	149
Geopanel 25 x 60 cm	30
Geopanel 20 x 60 cm	69
Geopanel inner corner	24
Geopanel outer corner	24
m² formwork	126

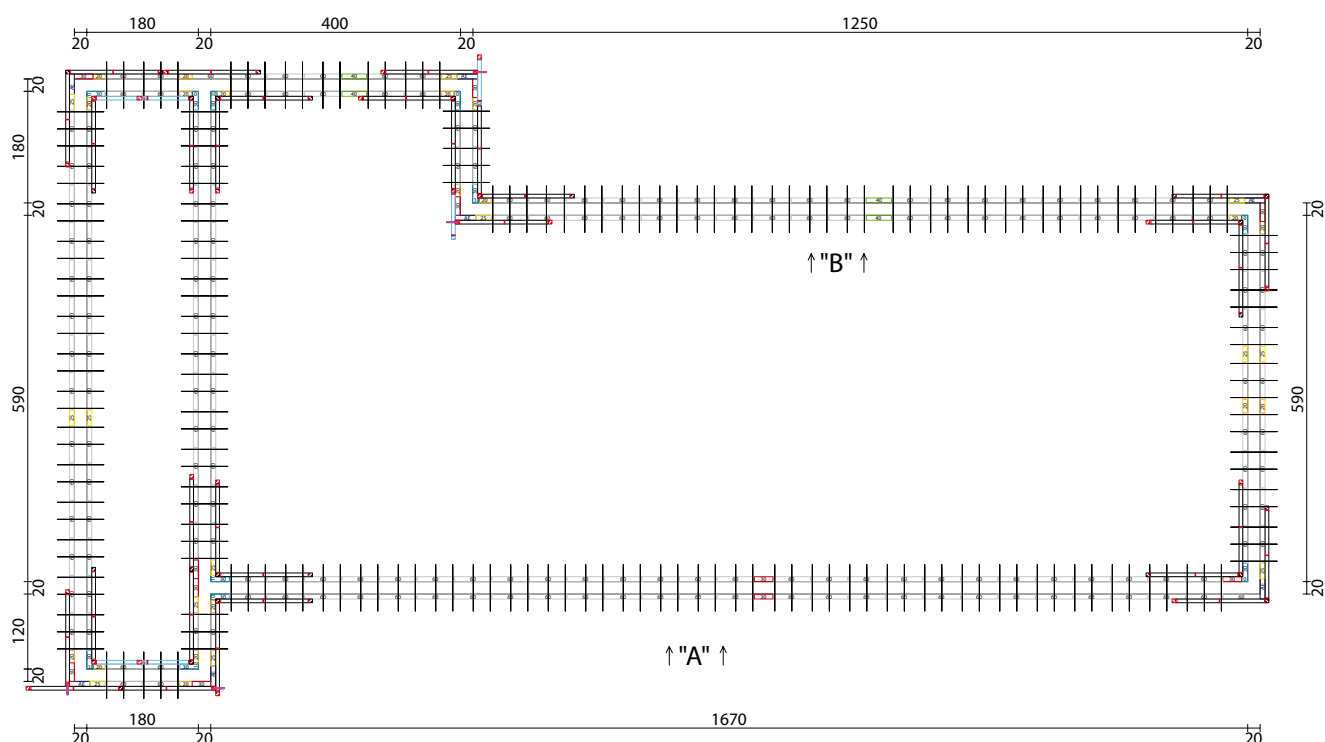
### MODEL GP126/S



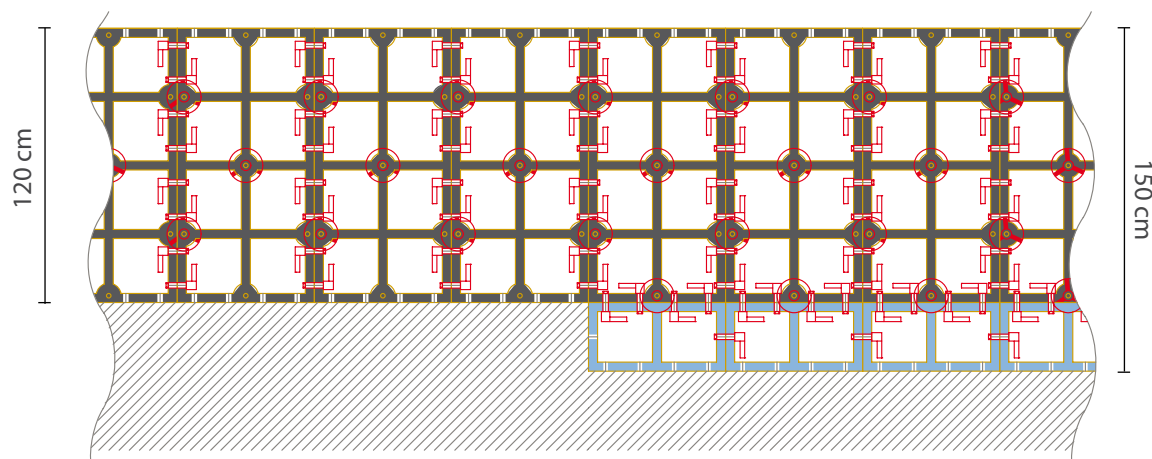
These models can be customised upon request.

Our specialised engineers are available for customers to calculate the formwork according to requirements. The technical drawing allows the pool forming to be done quickly and without error.

Send your project in DWG format to: [ufficiotecnico@geoplast.it](mailto:ufficiotecnico@geoplast.it)

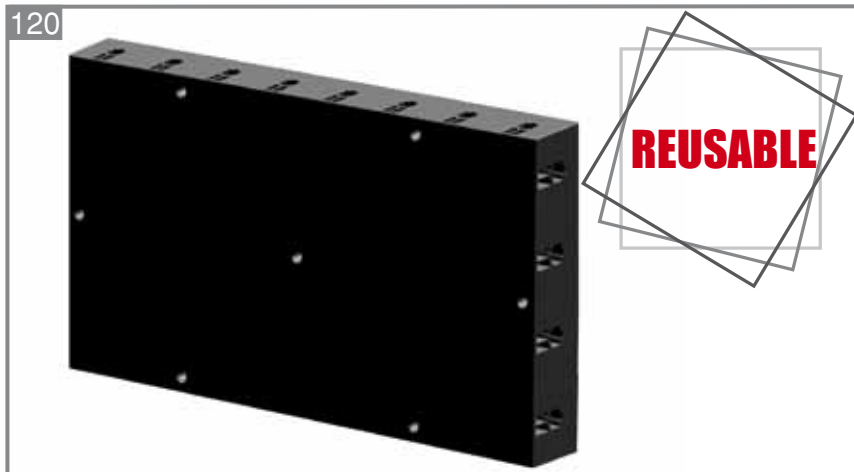


### DETAIL OF POOL DEPTH CHANGE

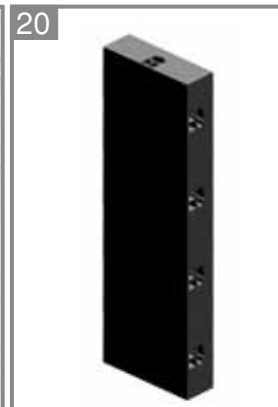




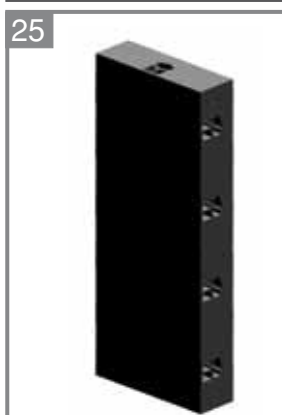
# GEOPANEL® ELEMENTS AND ACCESSORIES



**ELEMENT PRINCIPALE** 120 X H 60 cm (act. size 121 x 60.5 cm)  
MATERIAL: ABS WEIGHT 11 kg



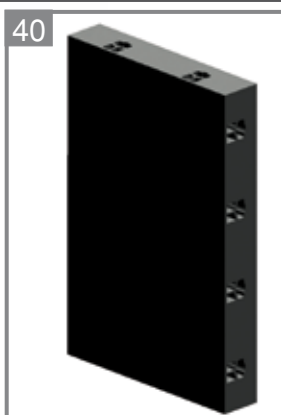
**ELEMENT** 20 X H 60 cm  
(act. size 20.2 x 60.5 cm)  
MATERIAL: ABS  
WEIGHT: 2.25 kg



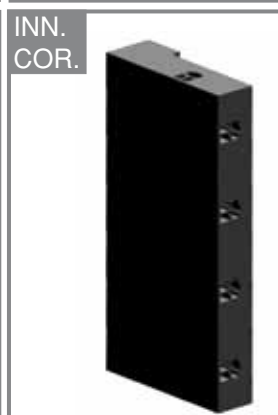
**ELEMENT** 25 X H 60 cm  
(act. size 25.2 x 60.5 cm)  
MATERIAL: ABS  
WEIGHT: 2.30 kg



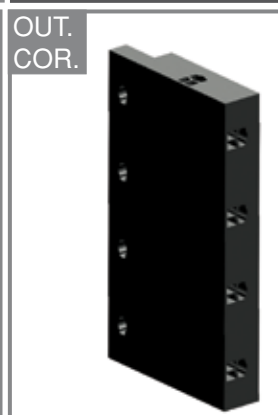
**ELEMENT** 30 X H 60 cm  
(act. size 30.3 x 60.5 cm)  
MATERIAL: ABS  
WEIGHT: 2.80 kg



**ELEMENT** 40 X H 60 cm  
(act. size 40.4 x 60.5 cm)  
MATERIAL: ABS  
WEIGHT: 3.80 kg



**ELEMENT INN. CORNER**  
30 X 10 X H 60 cm  
(act. size 30.3 x 10 x 60.5 cm)  
MATERIAL: ABS  
WEIGHT: 3.10 kg

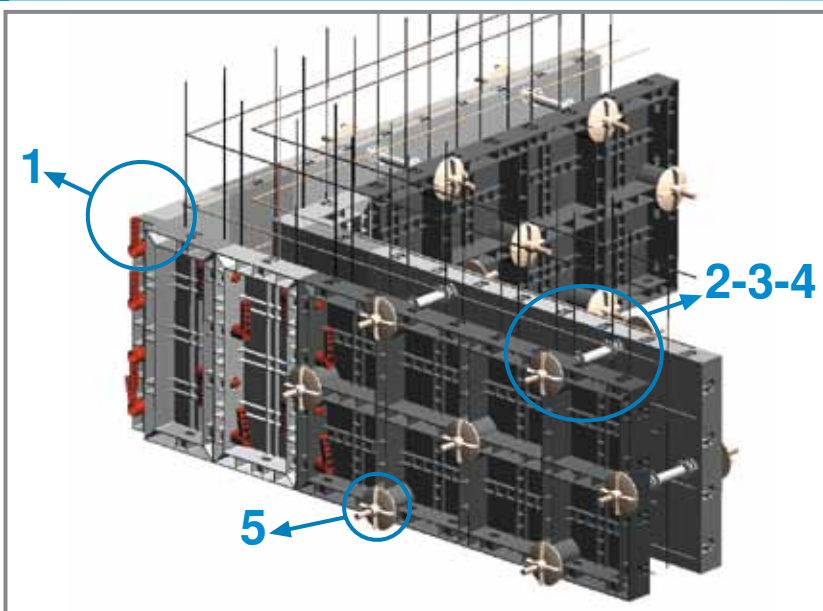


**ELEMENT OUT. CORNER**  
33 X H 60 cm  
(act. size 25.2 x 60.5 cm)  
MATERIAL: ABS  
WEIGHT: 3.20 kg

MATERIAL	Flexural modulus of elasticity (N/mm <sup>2</sup> )	Breaking traction (N/mm <sup>2</sup> )	Coefficient of thermal expansion
<b>ABS</b>	2100	45	0.05 (mm/m/°C)
<b>PE HD</b>	780	22	0.2 (mm/m/°C)
<b>POLYAMIDE</b> (Nylon®)	2200	70	7 - 10 (1/K 10 <sup>-5</sup> )

*Disclaimer: the values shown in this brochure are for guidance only. They are not meant to be used for design criteria. Their use and reliance thereon for any purpose by anyone is entirely voluntary and at the sole risk of the user. GEOPLAST is not responsible for any loss, claim, or damage resulting from their use.*

## GEOPANEL® SYSTEM: ELEMENTS AND ACCESSORIES



**1 HANDLE**  
MATERIAL: Polyamide (Nylon®)  
WEIGHT: 0.101 kg



**2 SPACER**  
15 - 20 - 25 - 30 - 35 - 40  
MATERIAL: PE HD  
WEIGHT: 0.08 kg



**3 CAP** for spacers  
MATERIAL: PE HD  
WEIGHT: 0.006 kg

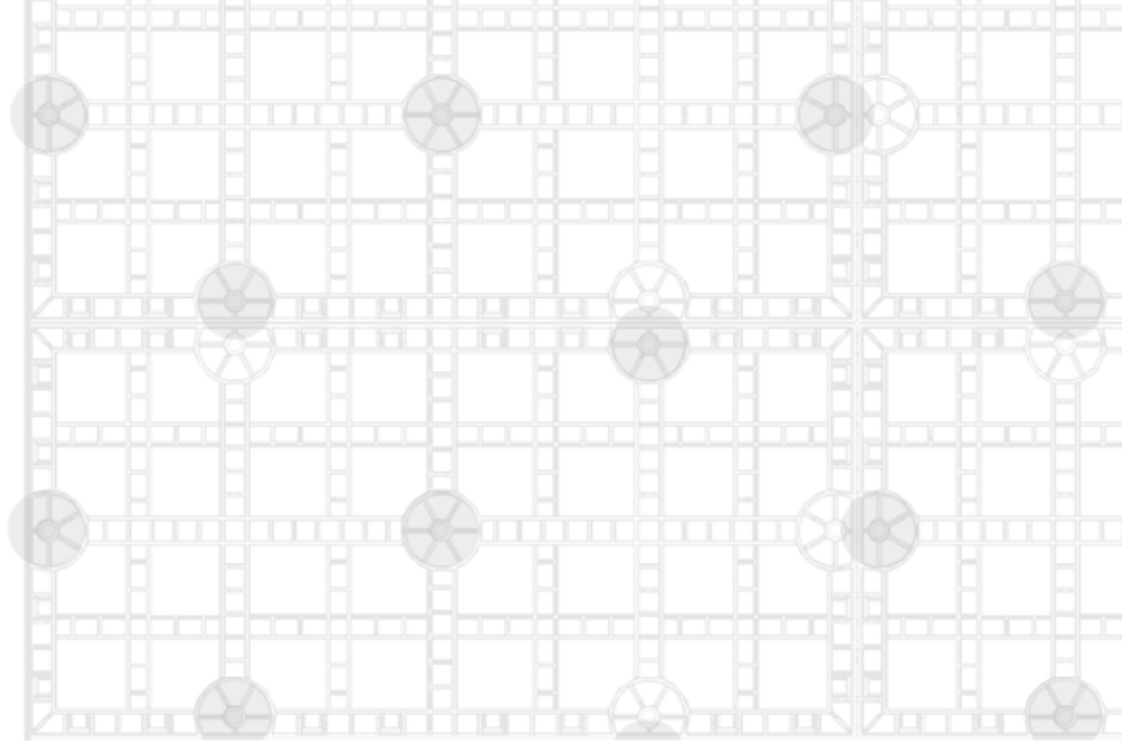


**4 TIE ROD** diam. 17  
MATERIAL: Steel  
WEIGHT: 1 kg



**5 WASHER** for tie rod  
MATERIAL: Nylon + steel  
WEIGHT: 0.4 kg





**GEOPLAST S.p.A.**

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Authorized dealer: