

GEOTUB



**REUSABLE FORMWORK SYSTEM IN ABS
TECHNOPOLYMER FOR CIRCULAR AND
OVAL COLUMNS**



GEOTUB ADVANTAGES



The only light, reusable and modular system for the production of round and oval columns.

LIGHT



Weighing max 10 kg, GEOTUB can be handled quickly on site without having to use cranes or other mechanical lifting devices

FAST



Light and easy to assemble, it can be installed and handled by a single person

MODULAR



All elements are 600 mm long and only the elements necessary for the pour are used

REUSABLE



GEOTUB is cost effective as it can be reused more than 100 times when properly used and maintained

DISMANTLING



Concrete does not stick to plastic: dismantling is extremely easy, the forms can be cleansed using just a little water, avoiding any need of detergents

STORAGE



GEOTUB can be safely and conveniently stored even in damp places

GEOTUB THE MODULAR FORMWORK

UP TO 80 KN/M² FRESH CONCRETE PRESSURE



GEOTUB MATERIAL

Acrylonitrile Butadiene Styrene	ABS
Coefficient of thermal expansion	0.05 mm/m/°C

SIZE

Minimum diameter	250 mm
Maximum diameter	1000 mm
Height	600 mm (actual size 605 mm)

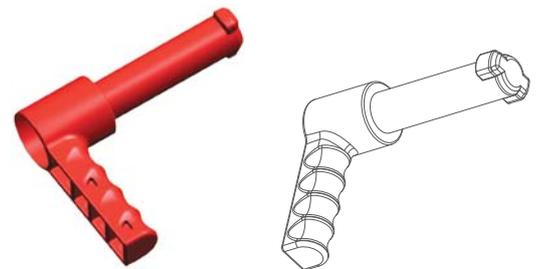
THE HANDLE

THE STANDARD FIXING ITEM FOR ALL GEOPLAST FORMWORK

Light and intuitive

Firmly locks with a simple 90 degree turn

Strength (guaranteed by specially engineered materials)



HANDLE MATERIAL: NYLON - COEFFICIENT OF THERMAL EXPANSION 7-10 (1/K 10⁻⁵)

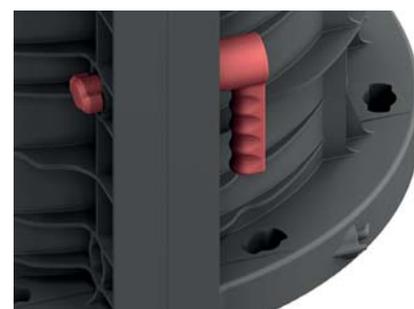
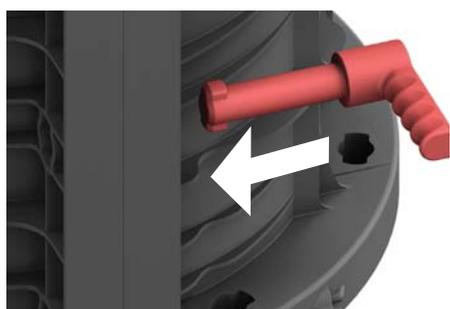
GEOTUB INSTALLATION GUIDE



Ⓐ GEOTUB

Ⓑ HANDLE

HANDLE INSTALLATION



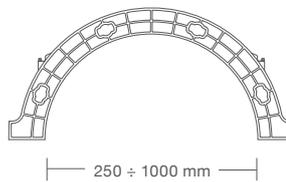
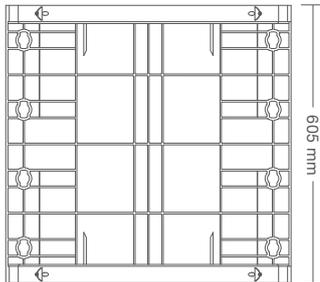
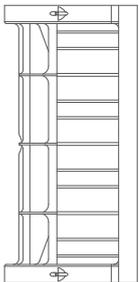
GEOTUB POUR HEIGHTS

GEOTUB CONFIGURATION OF A COLUMN

	○ ø Nominal diameter (mm)	○ Length of single form (mm)	○ Forms per column of 3 mt (pcs.)	○ No. handles per column of 3 mt (pcs.)	○ Column Length (mm)
ø25	250	605	10	60	3000
ø30	300	605	10	60	3000
ø35	350	605	10	70	3000
ø40	400	605	10	70	3000
ø45	450	605	10	80	3000
ø50	500	605	10	80	3000
ø60	600	605	10	90	3000
ø70	700	605	10	100	3000
ø80	800	605	10	100	3000
ø90	900	605	10	110	3000
ø100	1000	605	10	110	3000

MAX. POUR HEIGHT (SINGLE POUR)

ø25 - 40	ø45 - 60	ø70 - 100
6000 mm	4800 mm	3600 mm



DIMENSIONAL TABLE

GEOTUB

	PRODUCT	Actual size (mm)	Material	Weight (kg)	Package dimension (mm)	Nr. pieces per pallet	Nr. handles
	GEOTUB ø25	ø250 H605	ABS	2.99	810 x 1210 x H2200	60	6
	GEOTUB ø30	ø300 H605	ABS	3.68	930 x 1210 x H2450	60	6
	GEOTUB ø35	ø350 H605	ABS	4.31	1030 x 1210 x H2260	50	7
	GEOTUB ø40	ø400 H605	ABS	4.83	1140 x 1210 x H1900	40	7
	GEOTUB ø45	ø450 H605	ABS	5.36	1210 x 1230 x H2330	48	8
	GEOTUB ø50	ø500 H605	ABS	5.47	770 x 1210 x H2100	20	8
	GEOTUB ø60	ø600 H605	ABS	6.16	770 x 1210 x H2350	20	9
	GEOTUB ø70	ø700 H605	ABS	7.96	870 x 1210 x H2380	18	10
	GEOTUB ø80	ø800 H605	ABS	8.88	970 x 1210 x H2350	16	10
	GEOTUB ø90	ø900 H605	ABS	9.89	1070 x 1210 x H2530	16	11
	GEOTUB ø100	ø1000 H605	ABS	10.82	1170 x 1210 x H2400	14	11

ACCESSORIES*



PRODUCT	Actual size (mm)	Material	Weight (kg)	Package dimension (mm)	Nr. pieces per pallet
HANDLE	-	NYLON	0.1	-	200 (bag)

*See pag. 44 for more accessories

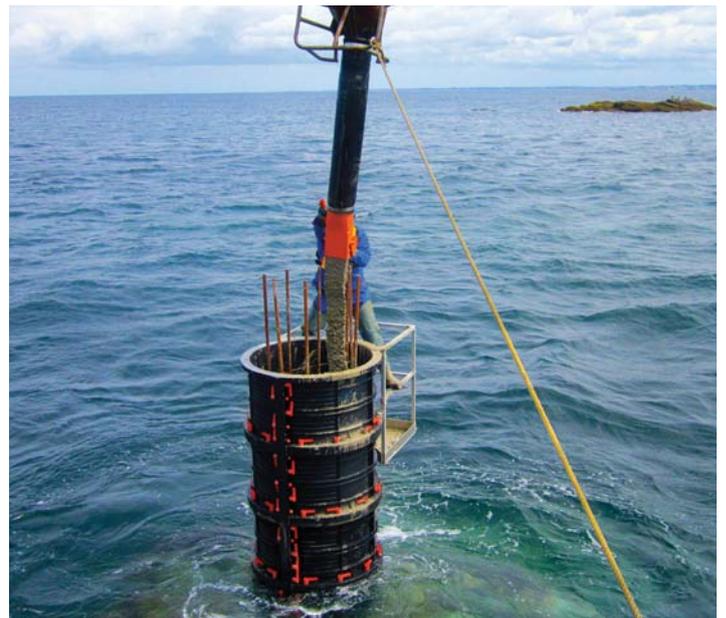
REUSABLE COLUMNS

GEOTUB is the first reusable plastic formwork for the construction of round columns. It allows a fast and easy dismantling without using releasing agents. The panels are very light: they can be handled and installed by a single person.



MARINE SOLUTIONS

As all Geoplast formwork, GEOTUB is particularly suitable when working in presence of water, which can make working conditions more difficult and complicated. In some cases GEOTUB is the only possible solution, since it is made of ABS and is not affected by moisture.



PRECAST COLUMNS

GEOTUB is ideal for the mass production of serial columns as it is very strong and it produces a very smooth concrete finish. Additionally it can be reused more than 100 times.



RENOVATION OF DETERIORATED COLUMNS

In the case of deteriorated concrete and exposed rebar it is necessary to repair columns by restoring an adequate concrete cover. GEOTUB Formwork system is ideally suited for this kind of repair job as it is usually installed around existing columns.



OVAL COLUMNS

Most of the GEOPLAST formwork panels share the same module and different systems are compatible with one another. GEOPANEL and the GEOTUB circular column formwork work together very efficiently to produce elliptic columns.



ELECTRICAL GRID PYLON FOUNDATIONS

GEOTUB is particularly suited for the construction of foundations for electricity pylons: this kind of construction site consists on series of relatively small works, often in remote or scarcely accessible locations.

The low weight and ease of use make it very simple to handle and transport the GEOTUB forms from one site to another.

