



Villalta Srl

Ponteggi Fav3 Puntelli Tubo & Giunto



PLASTIC COLUMNS



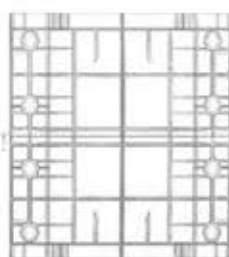
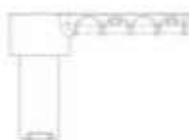
THE FORMWORK FOR ROUND COLUMNS

PLASTIC COLUMNS	PLASTIC COLUMNS Ø 25 cm	PLASTIC COLUMNS Ø 30 cm	PLASTIC COLUMNS Ø 35 cm	PLASTIC COLUMNS Ø 40 cm	PLASTIC COLUMNS Ø 45 cm	PLASTIC COLUMNS Ø 50 cm	PLASTIC COLUMNS Ø 60 cm	PLASTIC COLUMNS Ø 70 cm	PLASTIC COLUMNS Ø 80 cm	PLASTIC COLUMNS Ø 90 cm	PLASTIC COLUMNS Ø 100 cm
MATERIAL	ABS										
INTERNAL FORM DIAMETER	250 mm	300 mm	350 mm	400 mm	450 mm	500 mm	600 mm	700 mm	800 mm	900 mm	1000 mm
SINGLE FORM LENGTH	605 mm	605 mm	605 mm	605 mm	605 mm	605 mm	605 mm	605 mm	605 mm	605 mm	605 mm
MAXIMUM HEIGHT	6 m	6 m	6 m	6 m	4,8 m	4,8 m	4,8 m	3,6 m	3,6 m	3,6 m	3,6 m
TYPICAL	100 times										
COLUMN LENGTH	Pallets dim. 81x121xh220 cm	Pallets dim. 93x121xh245 cm	Pallets dim. 103x121xh226 cm	Pallets dim. 114x121xh190 cm	Pallets dim. 121x123xh233 cm	Pallets dim. 121x123xh210 cm	Pallets dim. 77x121xh235 cm	Pallets dim. 87x121xh238 cm	Pallets dim. 97x121xh235 cm	Pallets dim. 107x121xh253 cm	Pallets dim. 117x121xh240 cm
PIECES PER PALLET	60 pcs.	60 pcs.	50 pcs.	40 pcs.	48 pcs.	20 pcs.	20 pcs.	18 pcs.	16 pcs.	16 pcs.	14 pcs.

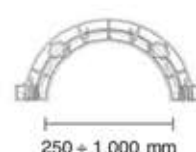
HANDLES TECHNICAL CHART

For example: a column of 3 mt requires **10 PLASTIC COLUMNS** forms 50 handles and an installation time of 10 minutes excluding external propping.

MATERIAL	Nylon stable to UV rays										
TYPICAL	100 times										
No COMPONENTS PER COLUMN OF 3 m	10 PLASTIC COLUMNS 60 handles	10 PLASTIC COLUMNS 60 handles	10 PLASTIC COLUMNS 70 handles	10 PLASTIC COLUMNS 70 handles	10 PLASTIC COLUMNS 80 handles	10 PLASTIC COLUMNS 80 handles	10 PLASTIC COLUMNS 90 handles	10 PLASTIC COLUMNS 100 handles	10 PLASTIC COLUMNS 100 handles	10 PLASTIC COLUMNS 110 handles	10 PLASTIC COLUMNS 110 handles



605 mm



250 ÷ 1,000 mm





REUSE

PLASTIC COLUMNS is cost competitive because it can be reused for at least **100 pouring**. Concrete does not stick to plastic, so the form can be cleaned with just a little water without using other detergents and/or lubricants.



INSTALLATION AND REMOVAL

Installation and removal are quick and easy thanks to the handles which allow complete assembly of the forms with only 90 degrees turn.

MODULARITY

PLASTIC COLUMNS is a modular element 60 cm long so it does not require cutting or adapting since only the elements necessary for the casting are used.

STORAGE

PLASTIC COLUMNS can be completely dismantled and stored even in damp places.

HANDLING ON SITE

Thanks to its compact dimension it can be easily moved on the job site and installed where necessary.

RESULT

The surface of the column obtained with **PLASTIC COLUMNS** can be left in sight without further rework.

SETTING-UP

The single elements are joined using high-strength nylon handles. The set-up operation is very fast as the fast-lock nylon handles firmly join the forms with a simple 90 degree turn. There is no set direction of installation either for the **PLASTIC COLUMNS** or for the handle.



THE INTELLIGENT ALTERNATIVE TO CARDBOARD

CHARACTERISTICS	CARDBOARD FORMS	PLASTIC COLUMNS
Bulk		It is modular with standard length 60 cm.
Impermeability	10%	100%
Storage	It must be stored vertically because humidity can cause deformations	Special storage is not required
Direction of installation	There is a direction of installation	There is no direction of installation
Breakage by blunt instruments	Vulnerability in installing the form	No risk
Typical lifetime	only 1 use	100 times average
Adherence of concrete	Hours of work are necessary in order to have a clean column because the internal coating tends to stick easily.	PLASTIC COLUMNS is a plastic form and so concrete does not stick to it
Protection		Better protection of the columns until the end of work
Plumb-lining	Risk of softening and therefore of deformation	The external conformation of PLASTIC COLUMNS allows easy anchoring of the reinforcement props and easy plumb-lining
Dismantling agents	Not necessary	



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