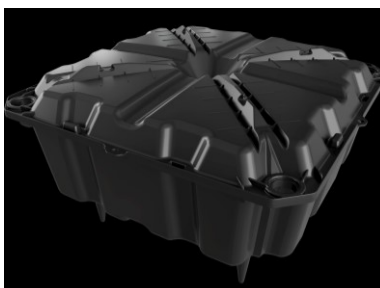


Technical data sheet NEW NAUTILUS EVO DOUBLE 16

1. DESCRIPTION

Recycled PP formwork for the construction of lightweight bi-directional slabs with flat intrados and large spans.



2. TECHNICAL SPECIFICATIONS

Material	-	Polipropilene riciclato (PP) 97-99%
	-	Additivi 1-3%
Percentage of recycled material	%	100
Colour	-	Nero
Dimensions *	cm	52x52x H16 (13+3)
Weight	kg	2.01 ($\pm 10\%$)
Lower spacer height	cm	0-5-6-7-8-9-10
Upper spacer height	cm	0.8
Formwork volume *	m ³ /pz	0.033
Installation time (just plastic component)**	m ² /h/operaio	30
Punching resistance	daN	150
Fire resistance***	-	REI 180
Place of production	-	Italy

* In consideration of the recycled material, the measures should be evaluated with a tolerance of $\pm 1,5\%$

** The laying times of the complete slab are subject to considerable variations depending on the amount of reinforcement and the working conditions of the workers.

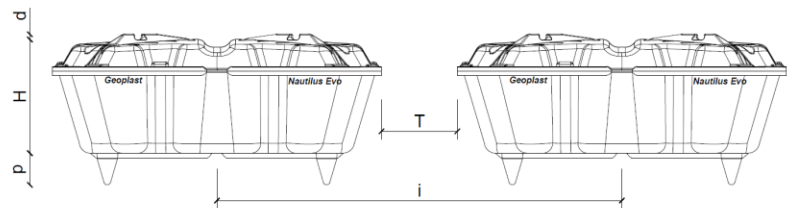
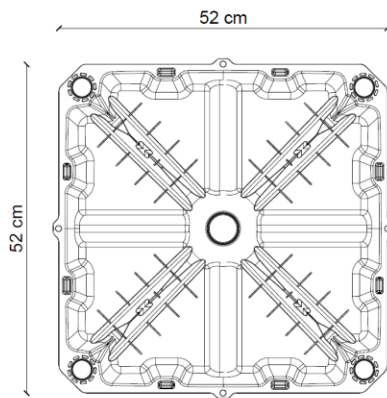
*** Value referred to the UNI EN 1365-2 2002 and 1363 2012, carried out with standard sample with dimensions 2.98 x 7.33 m, thickness 28 cm and subjected to lasts solicitation moment of at least REI 180' with a minimum reinforcement covering of 30mm (EOTA).

3. CONCRETE CONSUMPTION CHART

Lower spacer height p	Higher spacer height d	Beam T	Interax i	Incidence of formworks	Concrete consumption flush to the formwork	Formwork volume	Concrete saving flush to the formwork
[cm]	[cm]	[cm]	[cm]	[pz/m ²]	[m ³ /m ²]	[m ³]	[m ³ /m ²]
0-5-6-7-8-9-10	0,8	12	64	2,44	0.079	0,033	0,081
0-5-6-7-8-9-10	0,8	14	66	2,30	0.084	0,033	0,076
0-5-6-7-8-9-10	0,8	16	68	2,16	0.089	0,033	0,071
0-5-6-7-8-9-10	0,8	18	70	2,04	0.093	0,033	0,067
0-5-6-7-8-9-10	0,8	20	72	1,93	0.096	0,033	0,064

* may also be taken into account the concrete saving due to the lower weight of the building

4. TECHNICAL DRAWINGS



5. PACKAGING AND TRANSPORT

Product code	-	ENNAEDH16XX
Code composition	-	1 pcs NEW NAUTILUS EVO DOUBLE with spacers included, 2 lateral spacers 10-20cm
Lower spacer height	cm	0-5-6-7-8-9-10
Packaging size	cm	110 x 120 x H250
Type of packaging	-	Stacked and wrapped in plastic film on pallet
Quantity per pallet	pz	230
Package gross weight *	kg	475

* weight may change by (± 10%)