

# Technical data sheet NEW NAUTILUS EVO SINGLE H20

## 1. DESCRIPTION

Formwork for the construction of lightened bi-directional slabs. Possibility to create large spans with flat intrados, the structural elements (beams and drop panels) can be contained in the slab thickness, also with high loads



## 2. TECHNICAL SPECIFICATIONS

Material	-	Graplene
Recycled material percentage	%	100
Colour	-	Black
Dimensions *	cm	52x52x H20
Lower spacer height	cm	0-4-5-6-7-8-9-10
Upper spacer height	cm	0,8
Formwork volume *	m <sup>3</sup> /pcs	0,0390
Installation time (formworks only)**	m <sup>2</sup> /h/man	15
Punching resistance	daN	150
Fire resistance***	-	REI 180
Made in	-	Italy

\* consider  $\pm 1,5\%$  tolerance in these dimensions

\*\* Installation time is purely indicative, and dependent by the project characteristics

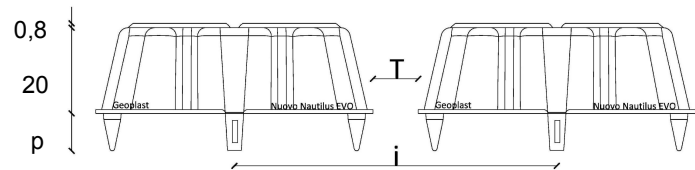
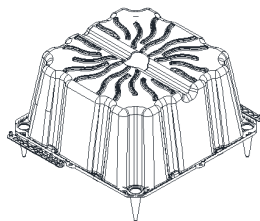
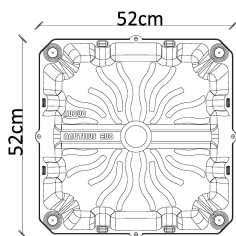
\*\*\* value with reference by UNI EN 1365-2:2002 e 1363-1:2012 executed on standard specimen of 2.98 x 7.33 m, thickness 28 cm and subjected to ultimate stressing moment of at least REI 180' with minimum 30mm of cover (EOTA).

### 3. CONCRETE CONSUMPTION CHART

Lower spacer height p	Beam T	Interax i	Formwork incidence	Concrete consumption full to the formwork	Concrete saving full to the formwork*
[cm]	[cm]	[cm]	[pcs/m <sup>2</sup> ]	[m <sup>3</sup> /m <sup>2</sup> ]	[m <sup>3</sup> /m <sup>2</sup> ]
0-4-5-6-7-8-9-10	12	64	2,44	0,10	0,10
0-4-5-6-7-8-9-10	14	66	2,30	0,11	0,09
0-4-5-6-7-8-9-10	16	68	2,16	0,12	0,08
0-4-5-6-7-8-9-10	18	70	2,04	0,12	0,08
0-4-5-6-7-8-9-10	20	72	1,93	0,12	0,08

\* 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	-	ENNAESH20XX
Code composition	-	1 formwork NUOVO NAUTILUS EVO DOUBLE with lower spacers included, 2 lateral spacers 10-20cm
Packaging size	cm	110 x 120 x H250
Type of packaging	-	Stacked and wrapped in plastic film on pallet
Quantity per pallet	pcs	400
Package gross weight*	kg	610

\* weight may change by (± 10%)