



PROPERTIES		CHARACTERISTICS			NORMATIVE REFERENCES	
		400	500	600		
Product description	Material	Extruded polypropylene honeycombs				
	Apparent density (kg/sqm)	35	40	44	ISO 845	
	Length	2400 mm			ISO 1923	
	Width	1200 mm				
	Thickness	Block	520 mm			
			Panel	-	120 mm	-
	Cell size	± 50 mm				
	Color	Black				
	Heat welded non-woven	Side 1	PET 45 g/m <sup>2</sup>			NFEN 29 073-1
		Side 2	PET 45 g/m <sup>2</sup>			
	Void rate	95 %				
	Buoyancy and ingress of humidity	Indifferent to rainwater fluctuations and humidity				
	Chemical properties	Excellent resistance to water and most acids, bases and salt solutions				
Pollution	Non-polluting for water tables					
Mechanical characteristics	Short-term vertical compressive strength (panel thickness : 50 mm)	400 kPa	500 kPa	600 kPa	ISO 844	
	Short-term vertical compressive strength (block thickness : 520 mm)	300 kPa	400 kPa	500 kPa	XP P16 374	
	Elastic modulus in compression*	25 MPa	30 MPa	35 MPa		
	Maximal vertical compressive stress (Safety coefficient of 2, applied to the maximum permissible vertical pressure value in the long term extrapolated to 50 years)*	45 kPa	65 kPa	85 kPa	CSTB technical approvals 17/14 - 280*V1	
	Maximum height embankment*	2.30 m	3.30 m	4.30 m		

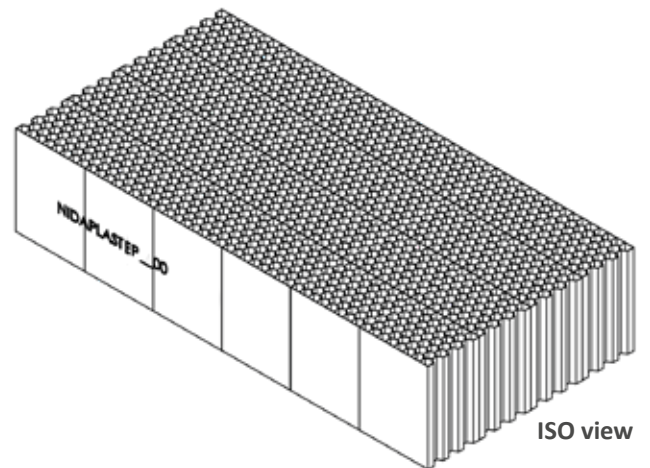
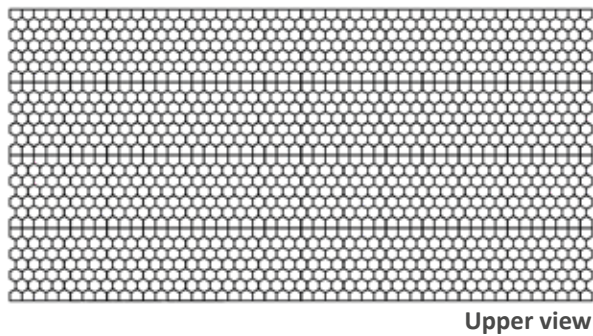
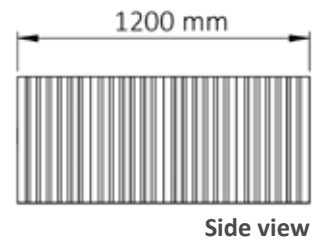
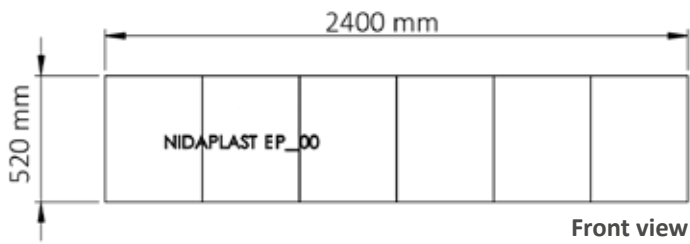
\*Maximum values on 3 layers

NOTA : The indicated directions can serve as a guide to use the product but cannot be considered as a guarantee of a good working up. Additionally application, utilization and/or transformation of the products escape our control possibilities. As a consequence, they exclusively remain the responsibility of the user and/or the transformer

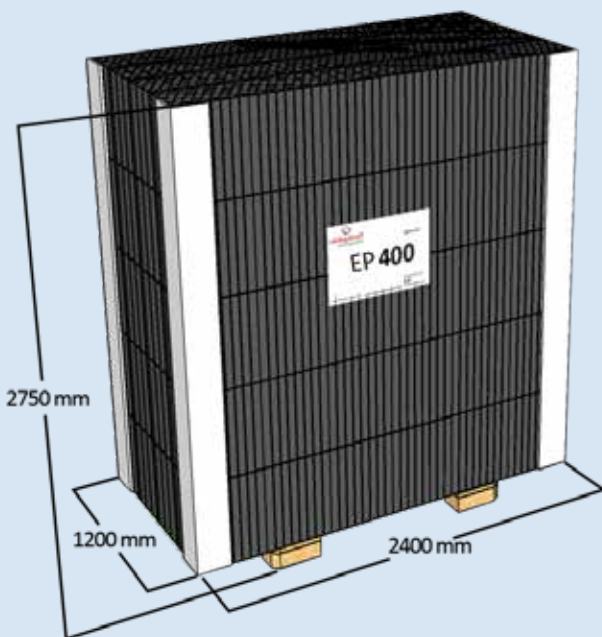
CSTB technical approvals n° 17/14-280\*V1



## Dimensional figures



## Packaging



520 mm blocks packaging

Packaging dimension	L	2400 mm
	W	1200 mm
	H	2670 to 2750 mm
Packaging description	4 edge protection Plastic film Pallet stickers Put on 2 wooden pieces	

Nidaplast EP (block)	400	500	600
Pieces / pallet	5	5	5
m <sup>3</sup> / pallet	7,5	7,5	7,5
Pallet weight (kg)	300	330	367,5
Pallet height (mm)	2750	2750	2750

Nidaplast EP (Panel)	500
Pieces / pallet	21
sqm / pallet	60,48
m <sup>3</sup> / pallet	7,25
Pallet weight (kg)	330
Pallet height (mm)	2670