



Rainwater Solutions

Underground solutions

EP range

EXTERNAL DIFFUSION

Infiltrate / control flood risks

Nidaplast EP product range is used in the construction of SUDS-type (Sustainable Urban Drainage Systems) public or private underground structures with external spreaders, to ensure the collection, storage and outflow of rainwater by regulated or limited flow infiltration and/or evacuation.

Self-contained storage modules

Honeycomb-block-based Nidaplast EP range storage modules are lightweight. Their large size allows for quick implementation. They do not require any fastening. Offset laying ensures structure stability.

Their upper and lower sides are covered with a welded geotextile, thus avoiding fine particle ingress into storage modules.

Excellent hydraulic conductivity

Combined with one or more external spreading channels between the upstream and downstream manholes, the structure ensures excellent hydraulic conductivity.

A hydro-clogging study at Sheffield University (UK) showed that this type of structure, fitted with an external spreader, avoids pollution ingress into blocks. Thus, the macro-waste in rainwater remains trapped in the sedimentation and diffusion channel and does not enter the blocks.

Throughout the structure's lifespan, only the external spreaders need to be monitored and cleaned at high pressure, thus greatly facilitating the structure's maintenance, supporting its durability and limiting associated operating costs.

Complementary products



Nidadrain/Nidatube
Drains and corrugated tubes for joining, spreading and/or ventilation.



Nidavortex
Flow controller.



STRUCTURE SPECIFICATIONS

- External spreader
- Self-contained storage module
- Spreading channel is monitorable and suitable for high-pressure cleaning
- Reduced operating costs
- Speed of Implementation
- Cost-effective solution

RANGE

400 kPa

500 kPa

600 kPa

EP range OPERATION PRINCIPLE

INFILTRATION BASIN

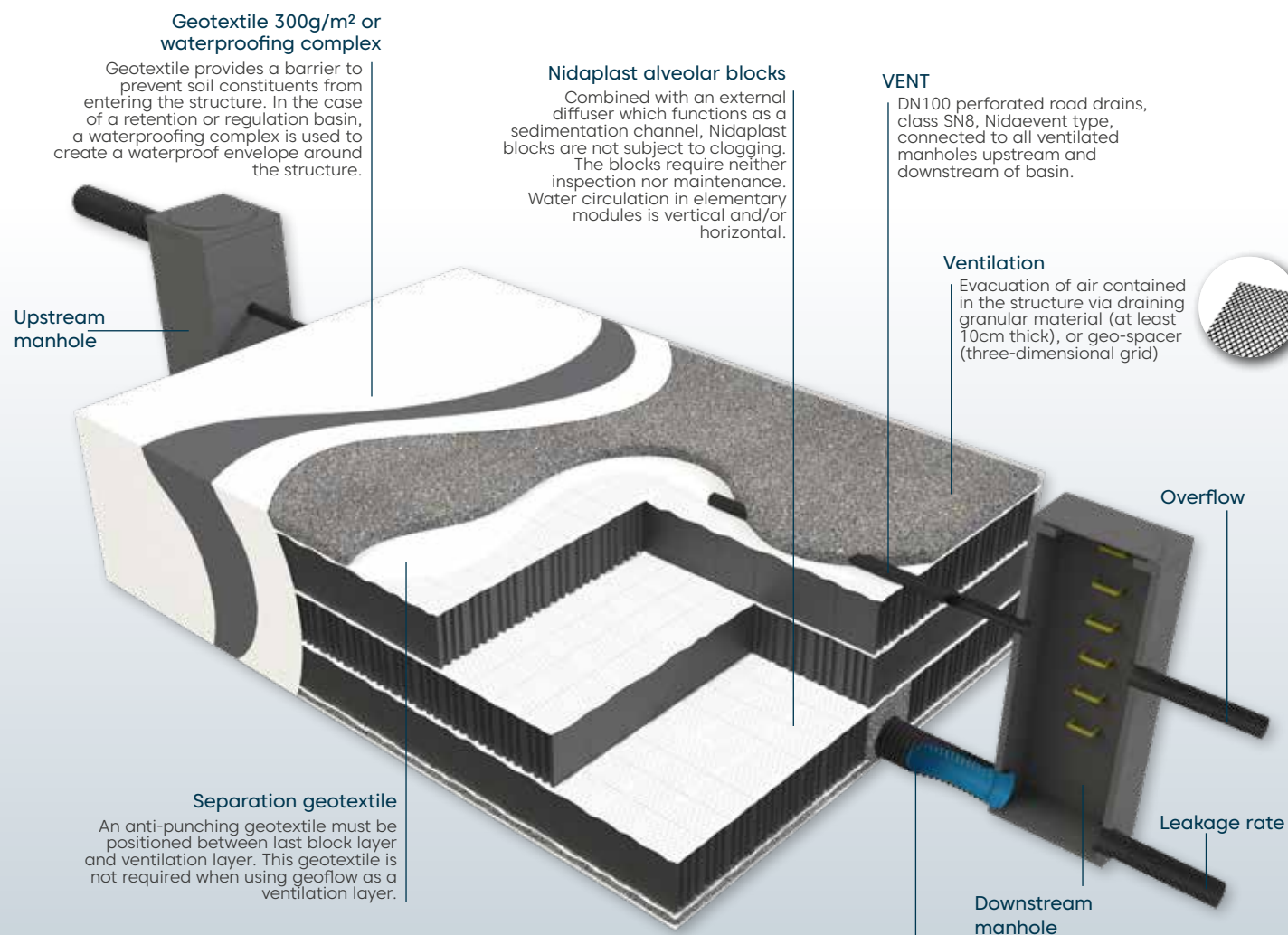
Infiltration basins are used to retain rainwater in the structure during rainy events. Water return occurs by ground infiltration. Naturally, it is necessary to ascertain ground infiltration capacity and infiltrated water quality, and, if necessary, to provide for pre-treatment systems upstream of the structure. An overflow device must be installed in the downstream manhole to ensure flow continuity in the event of overflow.

WATER CONTROL OR LIMITING BASIN

In the case of flow-regulated or flow-limited water outflow, rainwater return is effected via flow-regulating or flow-limiting devices. The structure may be combined with a waterproofing complex installed pursuant to accepted standards.

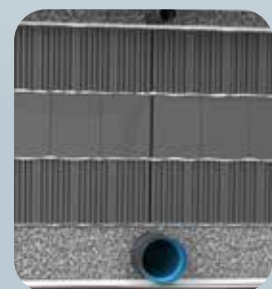
WATER REUSE BASIN

In this case, the structure is to be combined with a waterproofing complex that must be installed pursuant to accepted standards. Rainwater is stored in the structure during rainy conditions. Water requirements and basin storage capacity must be taken into account in determining a suitable volume. A pumping device also needs to be installed if wishing to use rainwater for applications such as watering, fire extinguishing, etc.



2/3-perforated external diffuser

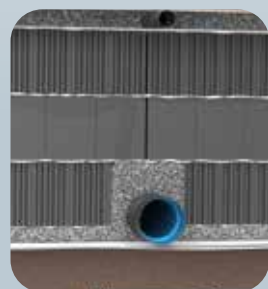
These inspectable drains, suitable for high-pressure cleaning, are placed in granular materials. Only the external spreader needs to be inspected and high-pressure cleaned, thus greatly facilitating structure maintenance, ensuring its durability and limiting its operating costs.



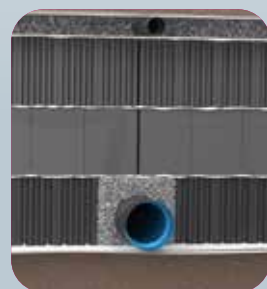
Drain is routed through a gravel bed under the blocks.



Drain is routed through a draining trench under the blocks.



Drain is routed between the blocks, with a spreading bed under the blocks.



Drain is routed between blocks with use of Nidaflow blocks.

IMPLEMENTATION EP range

1 EARTHWORK



2 INSTALLATION BED AND GEOTEXTILE



3 WATER SPRADING SYSTEM AND BLOCK INSTALLATION



Earthworks must include the basin right-of-way and a secure access area (min. 0.50m) at the periphery of the structure. A 300 g/m² geotextile or sealing complex must be provided to serve as the basin's envelope. Modules must be placed on the laying bed and raised along the lateral sides of the structure. They will be laid on the upper side of the modules when finalising their installation.

Modules are to be implemented in accordance with the layout plan previously established during site preparation phase (**up to 100m²/day per person**).

Upstream and downstream manholes are to be joined by installing an external spreading facility in a granular bed between, or below, the first block level.

4 VENTILATION



5 BASIN ENCLOSURE



6 COVERING



A ventilation system (air evacuation) must also be implemented to allow the proper functioning of the structure when it fills up with water.

Basin must then be backfilled laterally, without generating any asymmetric stresses on the structure, and then covered with the upper backfill, which is to be compacted in successive layers.

FOCUS Pursuant to technical advice: "The bottom feed system, through its self-cleaning principle, provides maximum safety with regard to the risks of clogging or accidental pollution."



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EP range ADAPTS TO ALL YOUR PROJECTS.

PROXIMITY TO A ROAD



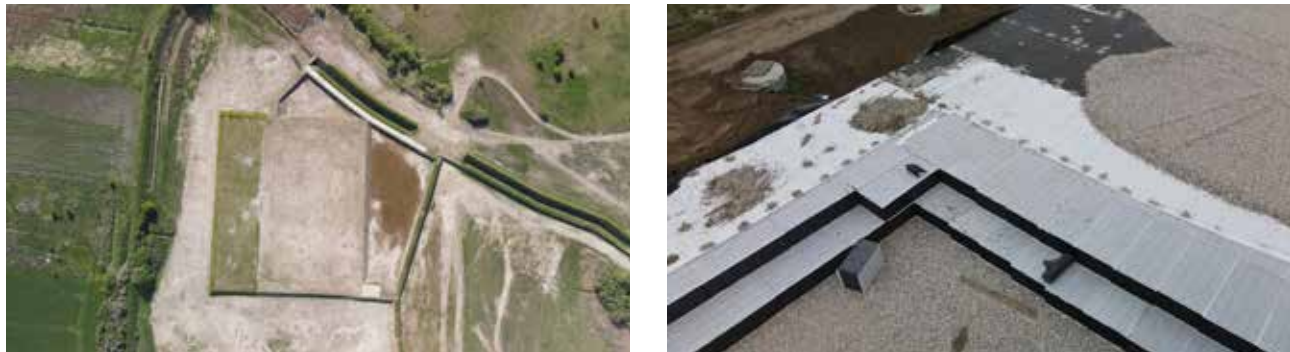
2,500M³ - CHOLET
Two underground basins, located on either side of an existing collector, were built near a busy road to address flooding issues in this area.

TOWN CENTRE



2,300M³ - SAINT JEAN DE BRAYE
As the city had already been impacted by flooding in 2018, the city authorities chose to redevelop the city centre and to construct a rainwater storage basin under the city esplanade, prior to proceeding with town square greening works to benefit inhabitants; this is an example of integrating such structures into the urban landscape.

INDUSTRIAL AREA



9,100M³ - PRUSZCZ GDANSKI
In 2023, in a peri-urban area, two layers of Nidaplast honeycomb blocks were installed to construct what is certainly one of the largest rainwater retention basins in the world.



SEE PROJECT VIDEOS

EP range ADAPTS TO ALL YOUR PROJECTS.

SUPERMARKET



300M³ - VIEUX CONDÉ
Rainwater runoff from the roof and car park was taken into account during the construction of this new LIDL supermarket. This collection basin allows for temporary stormwater storage, before gradually allowing said water to infiltrate.

UNDER FAST FOOD RESTAURANT CAR PARK



1,250M³ - LABÈGE
To reduce the impact of this new construction and limit rainwater runoff, an underground Nidaflow basin can store nearly 1200 m³ of water. It thus prevents water systems from overloading during heavy rains, and limits flood risks.

CAR DEALERSHIP



180M³ - LA GARDE
Waterproof basin located near La Garde Mercedes dealership (Var department), for stormwater runoff storage.



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TECHNICAL DATA

EP range

SPECIFICATIONS

Properties		Nidaplast EP / Nidaflow			STANDARDS
		400	500	600	
Material		Extruded polypropylene honeycomb structure			
Minimum dry density (kg/m³)	Nidaplast EP	35	40	44	ISO 845
	Nidaflow EP	40	44	49	
Length		2,400mm			ISO 1923
Width		1,200mm			
Thicknesses	Blocks	520mm			
	Panels	-	120	-	
Cell size		± 50mm			
Colour		Black			
Heat-bonded, nonwoven	Side 1	PET 45g/m²			NFEN 29 073-1
	Side 2	PET 45g/m²			
Void fraction		95%			
Buoyancy and moisture uptake		Not sensitive to water level fluctuations and load absorption in a wet environment			
Resistance to chemical agents		Excellent resistance to water and most acids, bases and salt solutions			
Pollution		Not groundwater polluting			
Vertical compression strength short-term (panel thickness 50mm)		400kPa	500kPa	600kPa	ISO 844
Vertical compression strength short-term (block thickness 520mm)		300kPa	400kPa	500kPa	XP P 16
Conventional elasticity modulus under compression*		25MPa	30MPa	35MPa	
Permissible permanent load (including safety factor of 2 applied to the maximum permissible vertical pressure value in the long term, extrapolated to 50 years)*		45kPa	65kPa	85kPa	TECHNICAL NOTICES CSTB
Maximum allowable backfill level above blocks*		2.30m	3.30m	4.30m	

* maximum values over 3 layers
NOTE: Values indicated in this sheet may be used as guidelines for product use; they should be considered neither as specification limits, nor as guarantees. In addition, product application, use and/or processing are beyond our control and, consequently, are the exclusive user and/or processor responsibility.

Product name	Code article	Height (mm)	Dimensions (mm)	Units per package	Type of packaging
NIDAPLAST EP400/H520MM/2400X1200MM	10996	520	2,400 x 1,200	5	PALLET 2,400 X 1,200
NIDAPLAST EP500/H520MM/2400X1200MM	11000			21	
NIDAPLAST EP600/H520MM/2400X1200MM	11003				
NIDAPLAST EP500/H120MM/2400X1200MM	10998	120			
NIDAFLOW EP400/H520MM/2400X1200MM	11730	520	2,400 x 1,200	5	Pallet 2,400 x 1,200
NIDAFLOW EP500/H520MM/2400X1200MM	11731			4	
NIDAFLOW EP600/H520MM/2400X1200MM	11732				
NIDAPLAST EP-S400/H520MM/1200X800MM	11004	520	1,200 x 800	4	Pallet 1,200 x 800
NIDAPLAST EP-S400/H100MM/1200X800MM	11321	100		22	

TECHNICAL DATA

EP range

PACKAGING



NIDAPLAST / NIDAFLOW BLOCKS	400	500	600
COUNT PER PALLET	5		
M³ / PALLET	7.5		
PALLET WEIGHT (KG)	300	330	367.5
PACKAGE DIMENSIONS	L	2,400MM	
	W	1,200MM	
	H	2,750MM	
PACKAGING DESCRIPTION	PROFILES PLASTIC WRAP PALLET LABEL WOODEN SOLE		



NIDAPLAST EP500 PANEL		
COUNT PER PALLET	21	
M³ / PALLET	7.25	
PALLET WEIGHT (KG)	330	
PACKAGE DIMENSIONS	L	2,400MM
	W	1,200MM
	H	2,670MM
PACKAGING DESCRIPTION	PROFILES PLASTIC WRAP PALLET LABEL DISPOSABLE WOODEN PALLET	

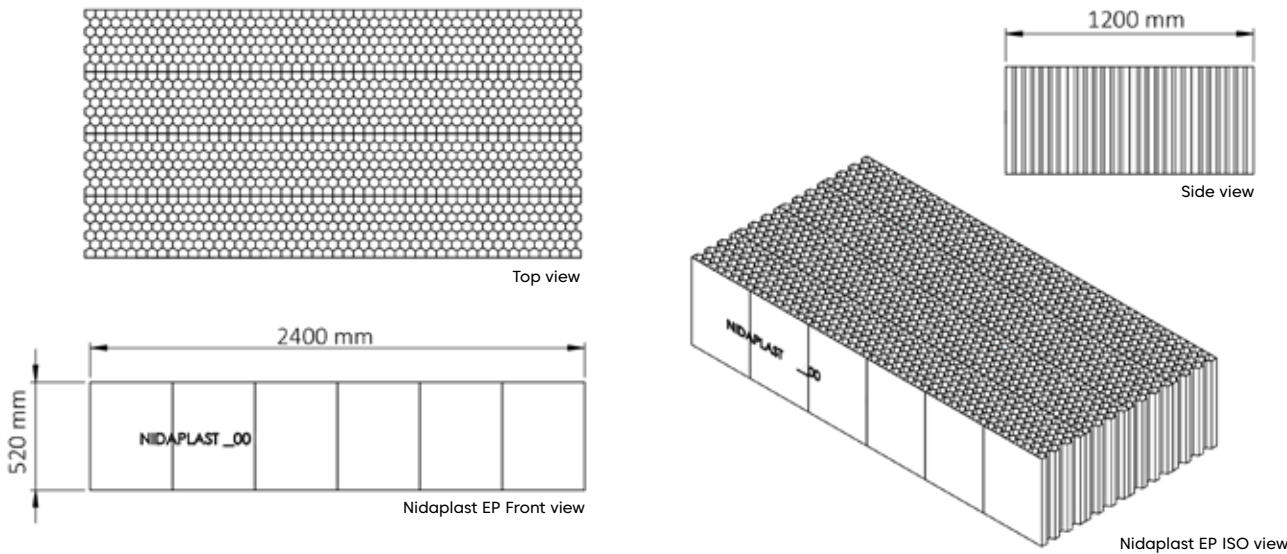


NIDAPLAST EPS 400	BLOCK	PANEL
COUNT PER PALLET	4	22
M³ / PALLET	2	2.11
PALLET WEIGHT (KG)	80	115
PALLET HEIGHT (MM)	2,230	2,350
PACKAGE DIMENSIONS	L	1,200MM
	W	800MM
PACKAGING DESCRIPTION	PROFILES PLASTIC WRAP PALLET LABEL DISPOSABLE WOODEN PALLET	

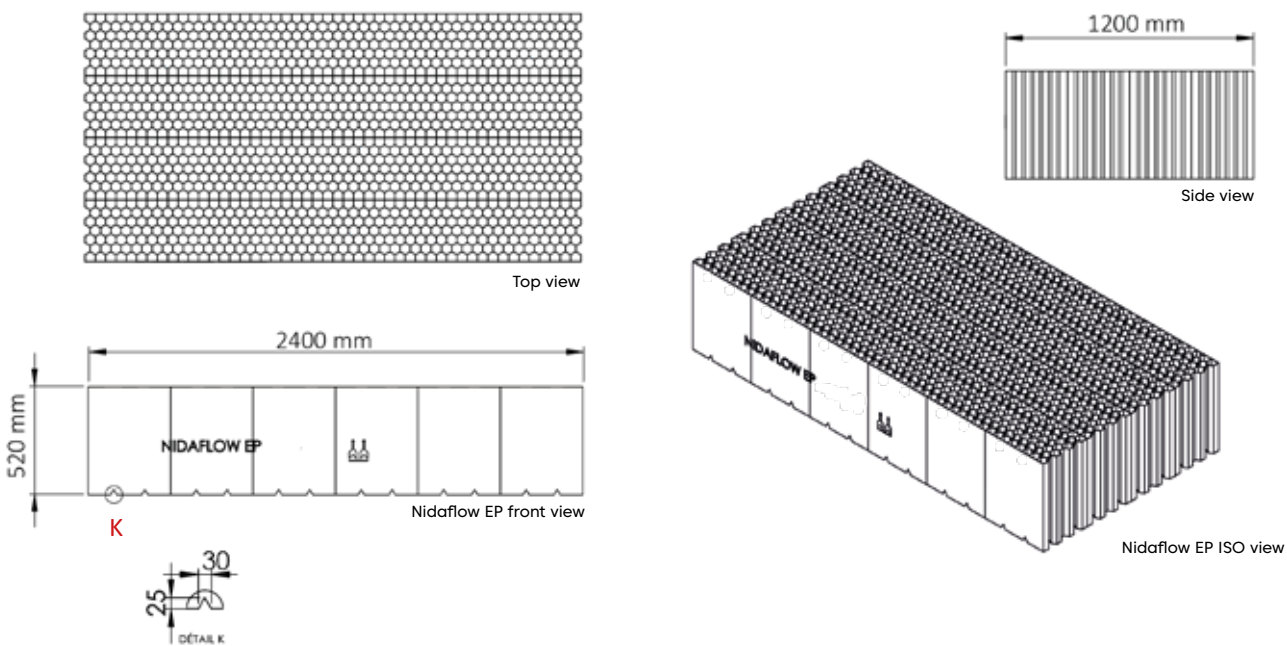
TECHNICAL DATA

EP range

NIDAPLAST EP DIMENSIONAL DIAGRAMS



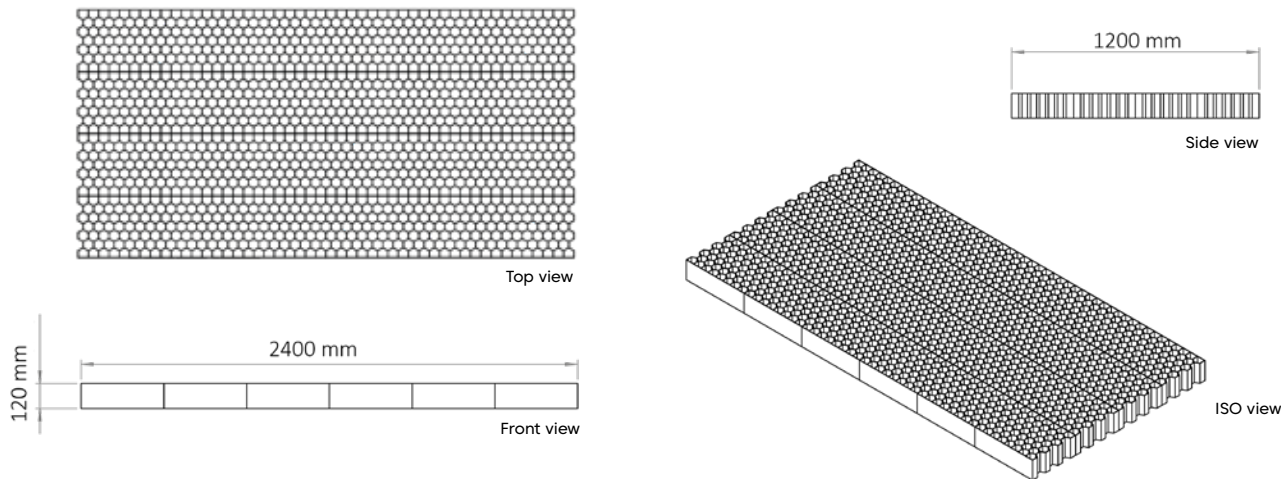
NIDAFLOW EP DIMENSIONAL DRAWINGS



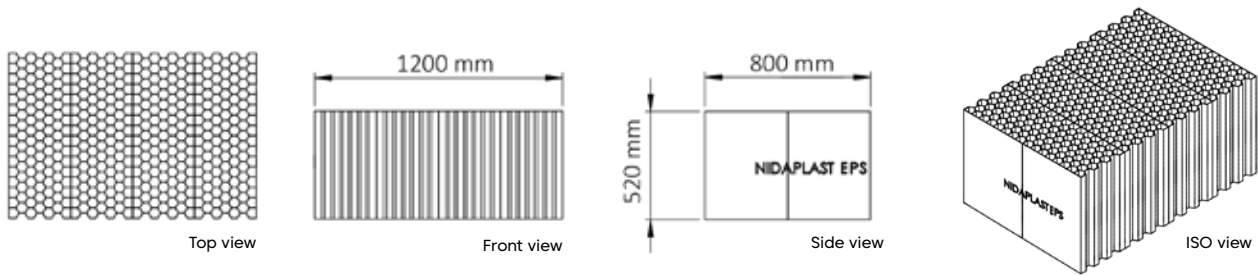
TECHNICAL DATA

EP range

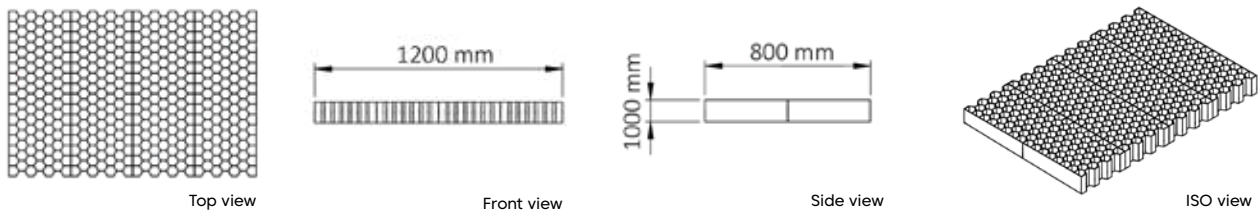
NIDAPLAST EP500 PANEL DIMENSIONAL DIAGRAMS



DIMENSIONAL DRAWINGS NIDAPLAST EPS400 BLOCK



NIDAPLAST EPS400 PANEL DIMENSIONAL DRAWINGS



Underground solutions

azbox

THREE-DIMENSIONAL DIFFUSION

Infiltrate / control flood risks

The AZbox system is used in the construction of SUDS-type (Sustainable Urban Drainage Systems), public or private underground structures for rainwater collection, storage and return by infiltration and/or controlled flow evacuation.

Stackable, inspectable modules, suitable for high-pressure cleaning

AZbox constituent parts are lightweight and easy to implement. Stackable, with a limited footprint, they support logistics optimisation, both during transport and on-site. They can be assembled to create a solid, resistant assembly of high absorption capacity.

The spacing between module pads, combined with the provision of inspection wells, enables inspection and high-pressure cleaning via a 350-mm linear channel.

Three-dimensional diffusion

Water enters directly into the structure from one or more injection modules. From that point, water circulation in the elementary modules is of a three-dimensional nature.

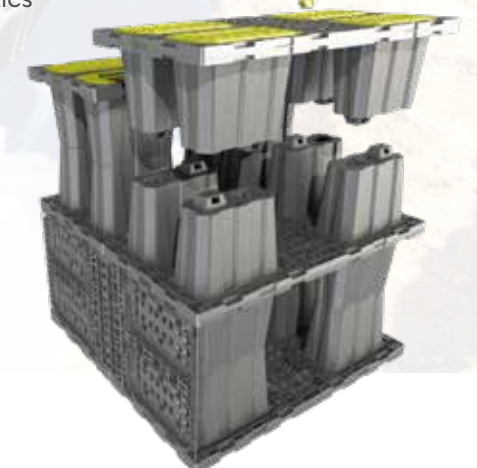
To limit the ingress of solid particles into the storage structure, special attention must be paid during the study phase.

Complementary products



STRUCTURE CHARACTERISTICS

- Three-dimensional diffusion
- Storage module is inspectable from all levels
- 350mm inspection channel
- Lightweight for fast implementation
- Optimised site logistics



azbox OPERATION PRINCIPLE

INFILTRATION BASIN

Infiltration basins are structures used to store rainwater during rainy conditions. Water return occurs by ground infiltration. Naturally, it is necessary to ascertain ground infiltration capacity and infiltrated water quality, and, if necessary, to provide for pre-treatment systems upstream of the structure. An overflow device must be installed in the downstream manhole to ensure flow continuity in the event of overflow.

CONTROL BASIN

In the case of regulated water outflow, the latter is effected via flow-regulating devices. The structure may be encased in a sealing complex installed pursuant to established construction principles.

WATER REUSE BASIN

In this case, the structure must be encased in a waterproofing complex installed pursuant to accepted standards. Rainwater is stored in the structure during rainy conditions. Water requirements and basin storage capacity must be taken into account in determining a suitable volume. A pumping device also needs to be installed if wishing to use rainwater for applications such as watering, fire extinguishing, etc.

AZbox modules

Modules can be assembled easily to construct the basin. The use of hollow studs means the structure benefits from a 95% void fraction.

Inspection / ventilation shafts

These openings are used for ventilation purposes, or as ingress points for cameras and/or high-pressure cleaning devices. The space between studs facilitates easy inspection at all levels. Openings may be created where desired by simply sawing the surface.



Covers

Covers are used to enclose the structure on its upper level.

Upstream manhole

Connectors

Downstream manhole

Overflow

Geotextile 300g/m² or waterproofing complex

Geotextile provides a barrier to prevent soil constituents from entering the structure. In the case of a retention or regulation basin, a waterproofing complex is used to create a waterproof envelope around the structure.

Lateral spigot

Markings on peripheral plates are used as cutting guides and to facilitate installation of lateral spigots.

Peripheral plates

The latter are used for enclosing the basin on its entire periphery, and constitute a perfect support for laying geotextile.

Basin outlet

AZbox studs

These hollow studs are used to create additional basin levels whilst optimising the basin's storage capacity, as well as the number of parts required. Thus, adding an additional level does not require a complete half-module, but only four studs.

Leakage rate

IMPLEMENTATIONazbox

1 EARTHWORK



2 INSTALLATION BED AND GEOTEXTILE



3 LAYING THE MODULES



Earthworks must include the basin right-of-way and a secure access area (min. 0.50m) at the periphery of the structure. A laying bed must be provided to guarantee structure stability and facilitate implementation. A 300 g/m² geotextile or sealing complex must be provided to serve as the basin's envelope. Modules must be placed on the laying bed and raised along the lateral sides of the structure. They will be laid on the upper side of the modules when finalising their installation. Modules are to be implemented in accordance with the layout plan previously established during site preparation phase.

4 BASIN ENCLOSURE



5 COVERING



FOCUS

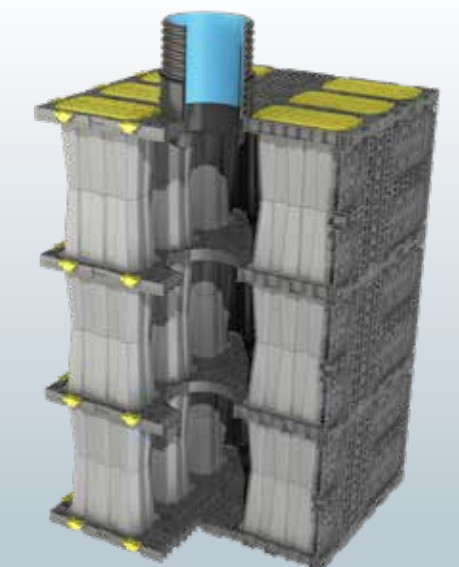
INSPECTION / VENTILATION SHAFTS

For inspection shafts, saw disc-shaped openings between the studs, at each level. For ventilation purposes, saw a disc-shaped opening only on the last layer of the basin.

Install an adaptor sleeve followed by a corrugated tube. Provide a concrete frame and a cast iron buffer suitable for a road finish.

For the proper functioning of the structure, access points and ventilation systems are to be implemented in conjunction with the project and construction managers.

Basin must then be backfilled laterally, without generating any asymmetric stresses on the structure, and then covered with the upper backfill, which is to be compacted in successive layers.


[DOWNLOAD DOCUMENTATION](#)

azbox ADAPTS TO ALL YOUR PROJECTS.

PUBLIC CAR PARK



630M³ - BESANÇON

As part of major road works, the urban community of Grand Besançon elected to collect and store stormwater under a public car park, in an underground basin consisting of AZBOX modules.



SHOPPING CENTRE



400M³ - WATERLOO

As part of the Drève Richelle, Waterloo, site redevelopment, Redevco Belgium developed a new commercial area, pursuant to updated stormwater management requirements. An infiltration basin was installed under one of the car parks.



MULTIMODAL TRANSPORT PLATFORM



800M³ - ANTIBES

The Sophia Antipolis urban community redeveloped its public transport network and created new spaces. As the area is already experiencing network saturation problems, a retention basin was built to collect water and limit the impact on the natural environment.



azbox ADAPTS TO ALL YOUR PROJECTS.

CARE HOME FOR THE ELDERLY WITH SPECIFIC NEEDS



23M³ - BOUGUENAIS

This care home for elderly people with specific needs chose AZbox for the construction of a watertight retention basin, thus guaranteeing rainwater buffering and controlled outflow to the wider network.



GREEN SPACES



100M³ - TILLOY-LEZ-CAMBRAI

While developing a subdivision of single-family houses, two infiltration basins for runoff collection were constructed upstream and downstream of the subdivision.



TRAIN STATION



2500M³ - MAUBEUGE

Significant development work has been carried out in the Maubeuge train station area. To limit rainwater runoff and flood risks, three watertight retention basins were installed.



SEE PROJECT VIDEOS



DOWNLOAD DOCUMENTATION



TECHNICAL DATA

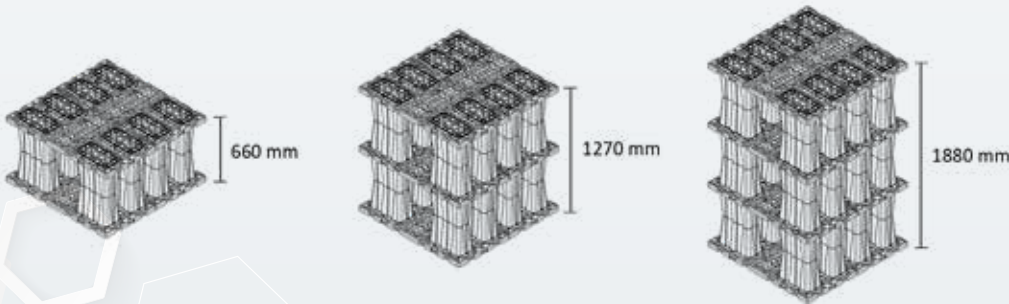
azbox

SPECIFICATIONS

Properties		AZbox	STANDARDS
Material		Recyclable injected polypropylene	ISO 1923
Pile material		100% recycled polypropylene	
Length		1,200mm	
Width		600mm	
Height based on the number of levels constituting basin	One level	660mm	ISO 1923
	Two levels	1,270mm	
	Three levels	1,880mm	
Pile colour		Black	
Void fraction		95%	
Resistance to chemical agents		Excellent resistance to water and most acids, bases and salt solutions	
Pollution		Not groundwater polluting	
Vertical compression strength short-term		>300kPa	XP P 16374
Permissible permanent load (including safety factor of 2 applied to the maximum permissible vertical pressure value in the long term, extrapolated to 50 years)*		45kPa	TECHNICAL NOTICES CSTB
Maximum allowable backfill level above modules*		2.3m	

* maximum values over 3 layers

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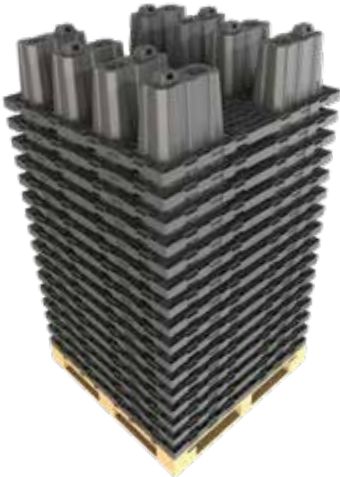


Product name	Code article	Height (mm)	Dimensions (mm)	Units per package	Type of packaging
AZBOX/BLACK PRE-MOUNTED PLATE/H350MM/1200X600MM	10955	350	1,200 x 600	32	PALLET 1,200 x 1,200
AZBOX/BLACK STUD/H350MM/420X310MM	11282	350	420 x 310	157	
AZBOX/COVER/H30MM/420X230MM	10952	30	420 x 230	50	Box
AZBOX/CONNECTORS/70X40X35MM	10951	35	70 x 40	500	
AZBOX/PERIPHERAL PLATE/H50MM/1200X600MM	10953	50	1,200 x 600	43	Pallet 1,200 x 1,200

TECHNICAL DATA

azbox

PACKAGING



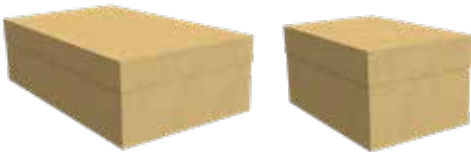
PACKAGE DIMENSIONS	L	1,200MM
	W	1,200MM
	H	2,140MM
PACKAGING DESCRIPTION	PLASTIC WRAP PALLET LABEL DISPOSABLE WOODEN PALLET	
COUNT PER PALLET	32	
M³ / PALLET (ONE-LEVEL PALLET)	7.5	
PALLET WEIGHT (KG)	440	



PACKAGE DIMENSIONS	L	1,200MM
	W	1,200MM
	H	1,250MM
PACKAGING DESCRIPTION	PLASTIC WRAP PALLET LABEL DISPOSABLE WOODEN PALLET	
COUNT PER PALLET	240	
PALLET WEIGHT (KG)	300	

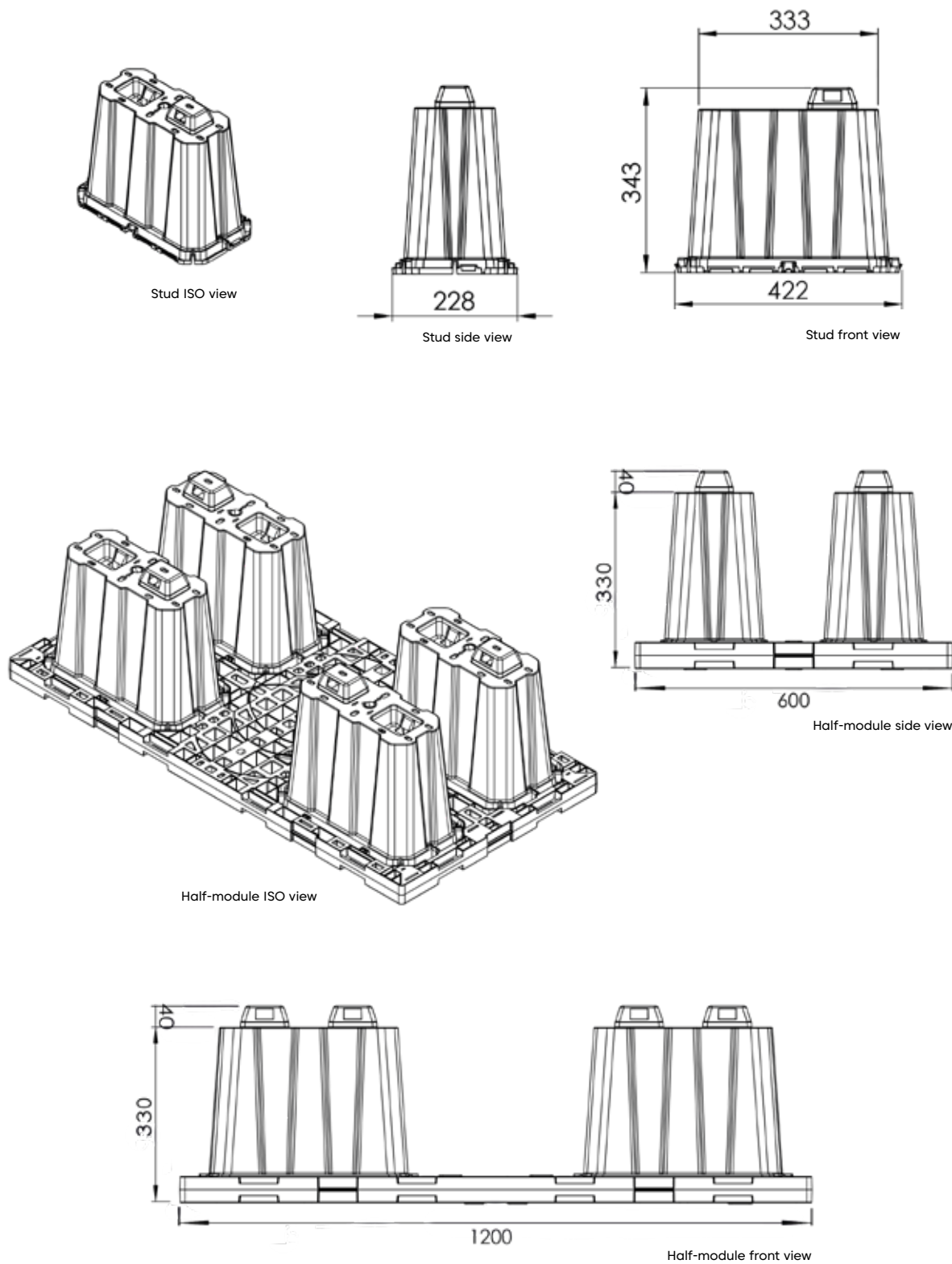


PACKAGE DIMENSIONS	L	1,200MM
	W	1,200MM
	H	1,280MM
PACKAGING DESCRIPTION	PLASTIC WRAP PALLET LABEL DISPOSABLE WOODEN PALLET	
COUNT PER PALLET	46	
PALLET WEIGHT (KG)	240	

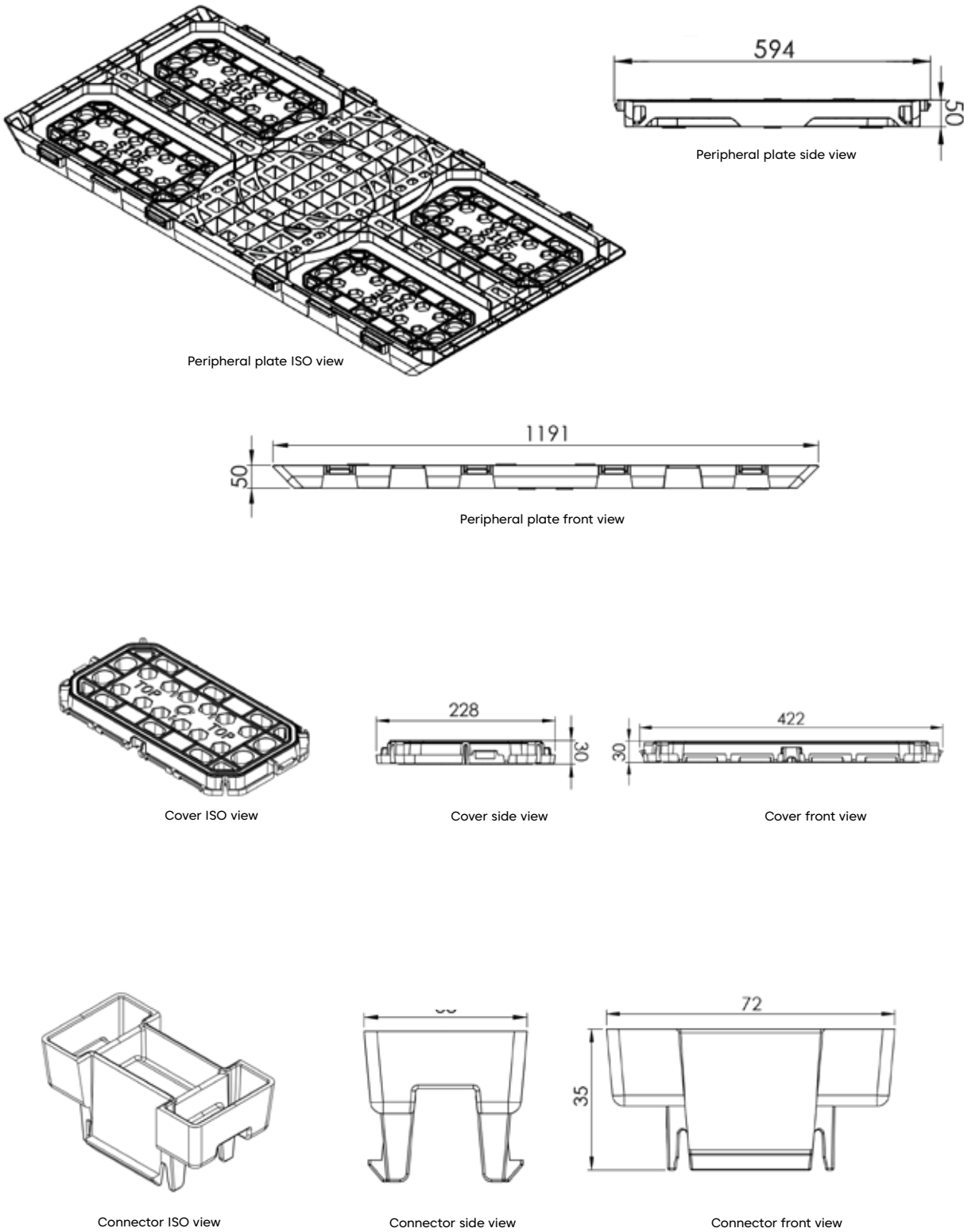


PACKAGE DIMENSIONS		COVERS	CONNECTORS
	L	1,000MM	590MM
	W	600MM	390MM
PACKAGING DESCRIPTION	H	300MM	300MM
	BOX		
PARTS / BOX	50	500	
BOX WEIGHT (KG)	22	10	

DIMENSIONAL DIAGRAMS



DIMENSIONAL DIAGRAMS



Roofing solutions

nidarroof®

TEMPORARY ROOFTOP RETENTION

A solution for rainwater management on rooftop terraces

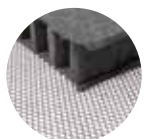
Adding value to flat roofs

More than just a flat roof, a rooftop terrace is an opportunity to create new places to live and socialise. Accessible roofs offer many development opportunities. Our Nidarroof product, thanks to the WATEROOF process, provides adapted solutions and offers numerous rooftop conversion options to optimise property uses.

A rainwater management alternative

The field of urban planning needs to better consider rainwater management, and integrate it smartly into land use strategies. Rooftop rainwater storage thus appears as a relevant, cost-effective approach. Nidarroof reduces the need for underground structures by regulating rainwater as close as possible to its point of origin. Combined with flow-limiting rainwater inlets, our Nidarroof solution temporarily retains rainwater while permitting continued full use of rooftop terraces.

Complementary products



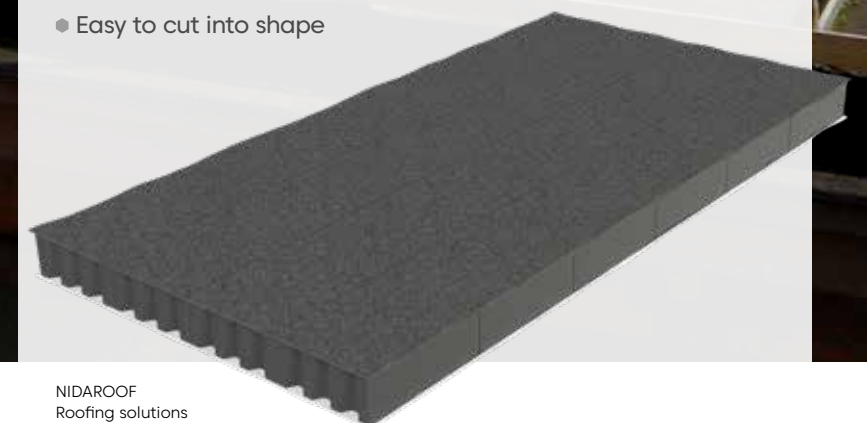
Geoflow

Geospacer with strong horizontal drainage capacity.



PRODUCT CHARACTERISTICS

- Large-sized panels
- Several thicknesses available
- Maximum void fraction (95%)
- Non-woven welded on 1 or 2 sides
- Easy to cut into shape



NIDAROOF
Roofing solutions

nidaroo® OPERATION PRINCIPLE

Nidaroo honeycomb-structure panel is used to temporarily store rainwater. Geoflow, a drainage separation layer positioned between the waterproofing membrane and Nidaroo, effectively drains water towards outlets.

In the case of a regulated-flow roof

Combined with low-flow rainwater inlets, our solution temporarily retains rainwater while permitting continued full use of the rooftop terrace, both during and after rain.

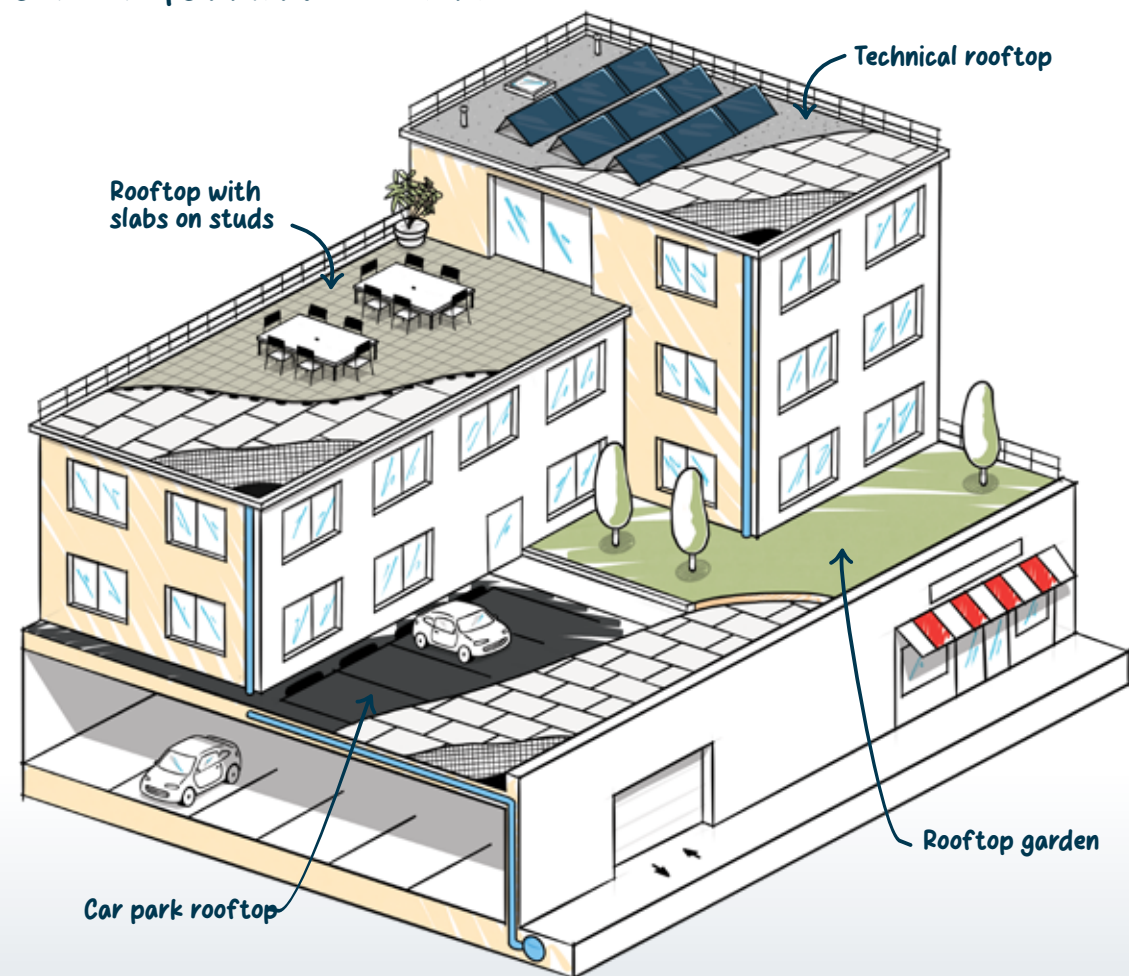
In the case of permanent storage combined with a green roof

Combined with raised rainwater inlets, Nidaroo stores rainwater under the substrate and gradually return it to the vegetation, thus promoting vegetation regrowth and supporting it in dry periods.

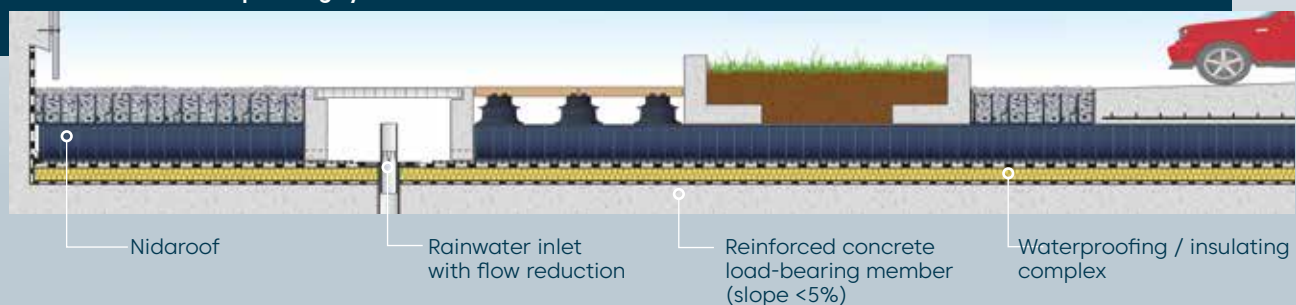
Specific case of slabs on paving supports

In the event of the accidental breakage of a pre-fabricated concrete slab, our Nidaroo product preserves waterproofing. In addition, our non-woven facing retains waste and filters water flowing in the lower section. It also prevents the penetration of fine particles into the cells. It prevents waste maceration, which may become a source of olfactory nuisance in standing water, as well as the proliferation of larvae, mosquitoes or insects.

Examples of rooftops with water retention



Our Nidaroo product forms part of the **WATEROOF** process developed in collaboration with **BMI-SIPLAST**. See specifications for implementation guidelines: **Waterproof-Primo Waterproofing system with rainwater retention for flat roofs.**



nidaroo® ADAPTS TO ALL YOUR PROJECTS.

ROOFTOP VEGETABLE GARDEN



1,000M² - PARIS

IN Paris, both elected officials and residents have evinced a strong wish to reinvent the city by introducing natural elements. In partnership with Urbagri, Siplast and Loiseleur, a vegetable garden was arranged on the roof of a Town Hall Annex building. Rainwater originating from the flat roof and the glass roofs is collected and stored in Nidaroo, thus allowing plants and grapevines to draw the water contained in the cells as needed.



VEGETATED ROOFTOP WITH PERMANENT STORAGE



2,344M² - ORLÉANS

This collaborative project, combining Nidaplast, Siplast and Cerema products, and funded by the Centre Loire Water Agency, utilised Siplast's waterproof system, in conjunction with a 10cm-layer of vegetated substrate. Part of this rooftop was scientifically monitored for two years to observe water behaviour in a rooftop fitted with permanent storage.



ACCESSIBLE MULTI-PURPOSE ROOFTOP



630M² - BESANÇON

Nidaroo, employed in various flat roof uses and finishes (slabs on pedestals, wooden decking, vegetation, gravel, etc.) ensures that constructions blend in better with the landscape. This rooftop terrace provides a pleasant living space for neighbourhood residents.



DOWNLOAD DOCUMENTATION

TECHNICAL DATA



SPECIFICATIONS

Properties		40-1F	60-1F	100-2F	520-2F	STANDARDS
Material		Extruded polypropylene honeycomb structure				
Minimum dry density		≥32kg/m³				ISO 845
Length		2,400mm				ISO 1923
Width		1,200mm				
Thickness		40mm	60mm	100mm	520mm	
Cell size		± 50mm				
Colour		Black				
Non-woven	Side 1	PET 150g/m²		PET 150g/m²	PET 45g/m²	NFEN 29 073-1
	Side 2	-		PET 25g/m²	PET 45g/m²	
Void fraction		95%				
Water storage capacity		109L	164L	274L	1,423L	
Resistance to chemical agents		Excellent resistance to water and most acids, bases and salt solutions				
UV-resistant		Anti-UV treatment				
Vertical compression strength short-term		300kPa				ISO 844
Allowable vertical load resistance extrapolated to 50 years		30kPa				XP-P-16 374

NOTE: Values indicated in this sheet may be used as guidelines for product use; they should be considered neither as specification limits, nor as guarantees. In addition, product application, use and/or processing are beyond our control and, consequently, are the exclusive user and/or processor responsibility.

Product name	Code article	Thickness (mm)	Dimensions (mm)	m² / Packaging	Units / package	Type of packaging
NIDAROOF 1F/H40MM/2400X1200MM/DUAL PAL	11391	40	2,400 x 1,200	161.28	56	DUAL PALLET 2,400 X 1,200
NIDAROOF 1F/H60MM/2400X1200MM/DUAL PAL	11392	60		103.68	36	
NIDAROOF 2F/H100MM/2400X1200MM/DUAL PAL	11393	100		63.36	22	
NIDAROOF 2F/H520MM/2400X1200MM	11025	520		14.40	5	PALLET 2,400 X 1,200



TECHNICAL DATA



PACKAGING

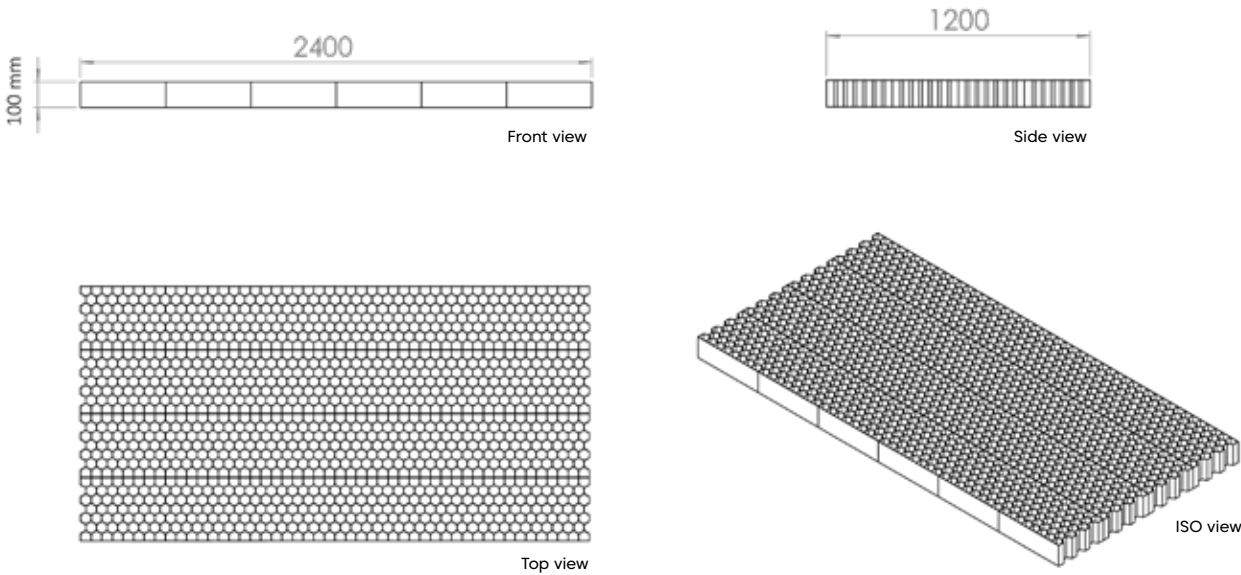


NIDAROOF DUAL PALLET	40-1F	60-1F	100-2F
COUNT PER PALLET	2x28	2x18	2x11
M² / PALLET	161.28	103.68	63.36
PALLET WEIGHT (KG)	365	355	345
PALLET HEIGHT (MM)	2,540	2,460	2,500
PACKAGE DIMENSIONS	L	2,400MM	
	W	1,200MM	
PACKAGING DESCRIPTION	PROFILES PLASTIC WRAP PALLET LABEL DISPOSABLE WOODEN PALLET		



NIDAROOF PALLET	520-2F	
COUNT PER PALLET	5	
M² / PALLET	14.40	
PALLET WEIGHT (KG)	310	
PALLET HEIGHT (MM)	2,750	
PACKAGE DIMENSIONS	L	2,400MM
	W	1,200MM
PACKAGING DESCRIPTION	PROFILES PLASTIC WRAP PALLET LABEL WOODEN SOLE	

DIMENSIONAL DIAGRAMS





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