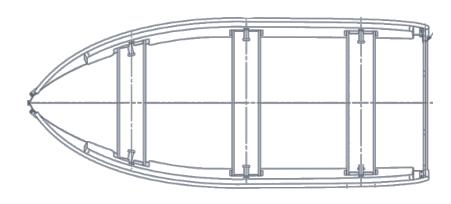
POLDER 350

The Dutch folding boat

OWNERS MANUAL







WELCOME

BECOME PART OF THE POLDERBOAT COMMUNITY

IT IS OUR AIM TO BRING YOU ON THE WATER

EXPLORING THE BEAUTIFUL NATURE OUR PLANET HAS TO OFFER AND TO HAVE FUN WITH YOUR FAMILY AND FRIENDS

USE THE BOAT FOR ROWING, FISHING, SWIMMING OR DRIVING AROUND WITH AN OUTBOARD ENGINE; IT IS ALL POSSIBLE

THE POLDERBOAT IS DESIGNED FOR THIS
WITH KEEPING IN MIND
THAT THE BOAT MUST BE USED WITHOUT TOO MUCH EFFORT
GIVING YOU A RELAXING DAY

WE HOPE THE POLDERBOAT OFFERS YOU ALL OF THIS AND YOU ENJOY BEING PART OF THIS COMMUNITY



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1. INTRODUCTION

This manual has been compiled to help you to operate your Polderboat with safety and pleasure. Please read it carefully and familiarize yourself with the boat before using it. This owner's manual is not a course on boating safety or seamanship. If this is your first boat, or if you are changing to a type of boat you are not familiar with, for your own comfort and safety, please ensure that you obtain handling and operating experience before "operating" the boat. The national sailing federation or yacht club will be pleased to advise you of local sail training schools, or competent instructors.

Ensure that the anticipated wind and sea conditions will correspond to the design category of your boat, and that you and your crew are able to handle the boat in these conditions. Even when your boat is categorized for them, the sea and wind conditions corresponding to the design categories A, B and C range from severe storm conditions for category A, to strong conditions for the top of category C, open to the hazards of a freak wave or gust. These are therefore dangerous conditions, where only a competent, fit and trained crew using a well-maintained boat can satisfactorily operate. Do not exceed the maximum recommended load (see section 2.5) as this could subject the boat to excessive loads with possible structural damage. The reduced freeboard will also increase the risk of flooding in sever conditions.

This owner's manual is not a detailed maintenance or trouble-shooting guide. In the case of difficulty, refer to the boat builder or his representative. If maintenance manuals are provided, use it for the boat's maintenance. Always use trained and competent people for maintenance,

repairs or modifications. Modifications that may affect the safety characteristics of the boat should be assessed, executed and documented by competent contractors. The boat builder cannot be held responsible for modifications that he has not approved.

In some countries, a licence or authorization are required, or specific regulations are in force that must be met before operating the boat.

Always maintain your boat properly and make allowance for the deterioration that will occur over time and as a result of heavy use or misuse of the boat. Any boat, no matter how strong it may be, can be severely damaged if not used properly. This is not compatible with safe boating. Always adjust the speed and heading of the boat to suit the sea conditions.

The boat should have on board the appropriate safety equipment (lifejackets, harness, etc.) according to the type of boat, weather conditions, etc. This equipment is mandatory in some countries. The crew should be familiar with the use of all safety equipment and emergency manoeuvring (man overboard recovery, towing, etc.), sailing schools and clubs regularly organize drill sessions.

All persons should wear a suitable buoyancy aid (life jacket/personal floatation device) when on deck. Note that, in some countries, it is a legal requirement to wear a buoyancy aid that complies with their national regulations at all times.

Please keep this manual in a secure place, and hand it over to the new owner when you sell the boat.



DISCLAIMER: The information contained within this owner's manual of a condensed and general information nature only and your boat can change from the contents.



1 USED SYMBOLS

The following degree of hazard and corresponding safety labels are used in this owner's manual.



DANGER: Denotes that an extreme intrinsic hazard exists which would result in high probability of death or irreparable injury if proper precautions are not taken.



WARNING: Denotes that a hazard exists which can result in injury or death if proper precautions are not taken.



CAUTION: Denotes a reminder of safety practices or directs attention to unsafe practices which could result in personal injury or damage to the craft or components or to the environment.



2 GENERAL INFORMATION AND CRAFT DATA

2.1 MANUFACTURER

Type: Polder350

Builder name: Westbrook Boating Company BV

Builder address: Dr. Welfferweg 21 A

3615 AK Westbroek

Netherlands

Builder website: www.polderboat.com

Builder email: info@polderboat.com

2.2 MAIN DIMENSIONS

Length overall: 3.53 metres

Length of hull: 3.53 metres

Length of waterline 3.19 metres

Beam overall: 1.59 metres

Draft maximum (excluding outboard engine): 0.18 metres

Air draft (empty): Approx. 0.45 metres



2.3 MASSES

Light ship mass: 54.5 kilograms

Launching weight (approx.): 54.5 kilograms (Including seats system)

Maximum loaded mass: 389.5 kilograms (Light craft weight + Maximum recommended load)

2.4 MAXIMUM RECOMMENDED LOAD

Desired crew limit at 75 kg each 300 kg 4 persons

Provisions & personal effects 25 kg

Outboard engine <u>25 kg</u> +

Maximum recommended load 350 kg As shown on builders plate



WARNING: When loading the boat, never exceed the maximum recommended load. Always load the boat carefully and distribute loads appropriately to maintain design trim approximately level. Avoid placing heavy weights high up.

2.5 OUTBOARD ENGINE

Optional the Polderboat can be sailed with and outboard engine.

Maximum recommended propulsion: 4.5 kW (6 HP)

Maximum recommended weight: 25 kg



3 CERTIFICATION AND DESIGN CATEGORY

The Polderboat is assessed according to the essential requirements of the Recreational Craft Directive 2013/53/EU.

As shown on the builders plate the yacht is designed for operation in conditions as described for **Design category D**.

Design category A:

Designed for extended voyages where conditions may exceed wind force 8 (Beaufort scale) and significant wave heights of 4 m and above but excluding abnormal conditions, and vessels largely self-sufficient.

Design category B:

Designed for offshore voyages where conditions up to, and including, wind

force 8 and significant wave heights up to, and including, 4 m may be experienced.

Design category C:

Designed for voyages in coastal waters, large bays, estuaries, lakes and rivers

where conditions up to, and including, wind force 6 and significant wave heights up to, and

including, 2 m may be experienced.

Design category D:

Designed for voyages on sheltered coastal waters, small bays, small lakes, rivers and canals when conditions up to, and including, wind force 4 and significant wave heights up to, and including, 0,3 m may be experienced, with occasional waves of 0,5 m maximum height, for example from passing vessels.

Remark: The significant wave height is the mean height of the highest one-third of the waves, which approximately corresponds to the wave height estimated by an experienced observer. Some waves will be double this height.



3.1 INFORMATION ON BUILDERS PLATE

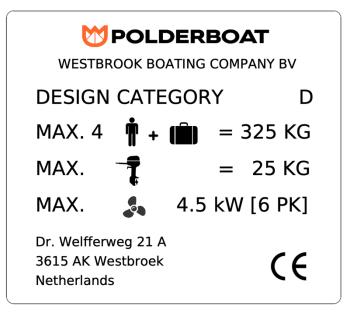
On your boat you can find a builder's plate indicating the design category, maximum number of persons and the maximum recommended load of the Polderboat.



WARNING: Do not exceed the maximum recommended number of persons. Regardless of the number of persons on board, the total weight of persons and equipment must never exceed the maximum recommended load. Always use the seats/seating spaces provided.



WARNING: When loading the boat, never exceed the maximum recommended load. Always load the yacht carefully and distribute loads appropriately to maintain design trim approximately level. Avoid placing heavy weights high up.



3.2 WATERCRAFT IDENTIFICATION NUMBER (WIN)

The watercraft identification number of your boat can be found at the starboard side of the transom. When you would like to communicate with the manufacturer about your boat, please have this number ready.



4 SAFETY RECOMMENDATIONS

4.1 RISK OF FLOODING AND STABILITY

Compliance with the stability criteria does not ensure immunity against capsizing regardless of the circumstances or absolve the owner of the boat from his responsibilities. The owner should therefore exercise prudence and good seamanship having regard to the season of the year, experience of the crew, weather forecasts and navigational zone, and should take appropriate action as to speed and course warranted by the prevailing conditions.

Before a voyage commences care should be taken to ensure that sizeable items of equipment have been properly stowed to minimise the possibility of both longitudinal and transverse shifting under the effect of accelerations caused by pitching and rolling, or in the event of a capsize.

Stability recommendations:

- All crew members need to be adequately trained.
- Any change in the disposition of the masses aboard (for example adding load or changing the sail configuration, etc.) may significantly affect the stability, trim and performance of the boat;
- Bilge water should be kept to a minimum, before leaving the harbour properly drain the boat;
- Stability is reduced by any weight added high up;
- In rough weather, buoyancy bags should be fitted to minimize the risk of flooding;
- Breaking waves are a serious stability hazard.

Your Polderboat has been tested according to international stability requirements.

Due to these requirements, it is not allowed to sit on the front seat when using the boat for a crew of less than 4 persons.

Number of persons	Installed seats
1	Aft or middle seat
2	Aft and middle seat
3	Aft and middle seat
4	Aft, middle and front seat



WARNING: Do not exceed the maximum recommended number of persons. Regardless of the number of persons on board, the total weight of persons and equipment must never exceed the maximum recommended load. Always use the seats/seating spaces provided as mentioned in the table above.

For buoyancy requirements the Polderboat is supplied with floatation tubes. Always install the floatation tubes underneath the middle seats.





WARNING - Before leaving the harbour please make sure that all buoyancy tubes are fitted.



WARNING - This boat has limited stability and is therefore at greater risk of capsize or swamping. Users should take special care to keep the boat upright by adjusting their position in the boat.



WARNING – When the boat is crewed by 3 persons it is not allowed to use the forward seat due to the limited stability of the boat.



WARNING - This boat will capsize or swamp if a load of 85 kg is placed on the gunwale. Users should not sit or stand on the gunwale.

4.2 BAILING OF THE VESSEL

This Polderboat has limited stability and is therefore at greater risk of capsize or swamping. In case of swamping, empty the boat by using a bucket.



WARNING: It is the responsibility of the owner/operator to have at least one bailer/draw bucket on board, secured against accidental loss.

4.3 MOORING AND TOWING

For mooring the Polderboat you can use the front and back seat for attaching the mooring lines. In case the Polderboat has to be towed, a line can be attached to the handgrip at the front

- The owner is responsible for using adequate mooring lines, towing lines and anchor chain and lines.
- The breaking strength of the lines used shall not be more than 80% of the breaking strength of the associated strong point.
- The crew needs to familiarize themselves with attaching the towing line to the bow tie down point.
- Towing and being towed is done at low speeds e.g. 3 knots.
- When attaching the towline prevent using knots that can't be undone under load.



4.4 MAN-OVERBOARD PREVENTION AND MEANS OF REBOARDING



CAUTION: When people fall overboard, they can re-board at the gun-whales (sides) or, failing that, at the front of the Polderboat.

4.5 FIELD OF VISION FROM THE HELM POSITION

The Operator's vision from the helm can be obstructed by high trim angles of the boat and other factors caused by one or more of the following variable conditions:

- Loading and load distribution.
- Speed.
- Sea conditions.
- Rain and spray.
- Persons or movable gear in the operator's field of vision.

Please make sure that the helmsman has got all round visibility at all times.

The international Regulations for Preventing Collisions at Sea (COLREG) and the rules of the road require that a proper lookout be maintained at all times and observance of right of way. Make certain no other vessels are in the path of your boat before proceeding.

POLDERBOAT

5 ASSEMBLING THE BOAT



3. Lay the hull of the boat on a flat surface



2. Manually open the hull and fix the opened hull with the extension stick provided



1. Position the middle bench first. make sure the legs end up well in the corners



Note: the rear bench has a connector which needs to face the transom



6. Position the back bench next and the front bench last.



4. Position the transom plate and



Secure the transom's cam buckles



7. Place the tube between the rear seat and transom. Secure it with the clips provided



8. Secure the benches with the 6 cam buckles



10. Add the buoyancy bags under seats. See chapter 4.1



6 MAINTENANCE 6.1 GENERAL CARE

Regularly maintenance keeps your boat in good condition.

6.2 CLEANING

Periodic cleaning is the best way to keep your boat looking like new. Thoroughly clean the hull, deck and interior of the boat from time to time.

When washing the boat, be sure to use a mild detergent and warm water solution. DO NOT use abrasive cleaners, solvents, ammonia or chlorine, as these will damage the surface. Under extreme conditions, special cleaners may be used to remove marine growth from the hull.

Harsh abrasive and chemical cleaners are not recommended. Be careful not to polish through the surface.



7 ENVIRONMENTAL CONSIDERATIONS



Be aware of local environment laws and respect codes of good practice.

7.1 FUEL AND OIL SPILLAGE

In all cases avoid spilling fuel and oil in the open water.

When refuelling, watch the level meter, slow down when reaching the end and make sure you have absorbing materials, like cloth, nearby.

When you need to refresh the engine oil, collect it and deliver it to the designated place. In most harbours these places are available.

Oil spilled in the bilge must not be pumped over board. Clean the bilge with cloth and deliver also these to the designated place in the harbour. Finish cleaning the bilge with decomposable soap. In general keep the bilges as clean as possible.

7.2 DISCHARGE AND DISPOSAL OF WASTE

Every substance you waste in the yacht, will be pumped over board by the bilge pumping system. Therefore, turn off the pumps and clean the bilge by yourself and deliver waste to the designated place in the harbour.

Be aware of international regulations against marine pollution (Marpol) and respect it as much as possible.

7.3 EXCESSIVE NOISE AND EXHAUST EMISSIONS

Although the engine is sufficiently isolated and the emission satisfies the criterions, you must reckon with the possibility you are disturbing others. Consequently, when you feel you have to slow down, please do so. And beside these facts, just remember to respect the local speed limit.

74 WAKE AND WASH

Drive at low speed to reduce the wave heights at places where you can disturb other boats, or even damage the bank.



8 DECLARATION OF CONFORMITY

of Recreational Craft with the Design, Construction and Noise Emission requirements of Directive 2013/53/EU

Name of recreational craft manufacturer: Address:	Westbrook Boating Company BV Dr. Welfferweg 21 A, Westbroek Country: Netherlands	Post Code: 3615 AK
Module used for <u>design and construction assessment</u> :	⊠ A	B+C B+D B+E B+F G H
Other Community Directives applied: Not applicable		
DESCRIPTION OF RECREATIONAL CRAFT: Watercraft Identification Number:		N L - W B W 3 5 0



Brand name of the Recrea	tional craft: Polderb	oat Mod	Model, Type or number: 350							
Type of construction: ☑ Rigid	☐ Inflatable	☐ Rigid-Inflatable (RIB)		Length of hull L _H : Beam of hull B _H : Maximum Draught T:	3.53 m 1.45 m 0.18 m					
Type of hull:	uminium alloys oys	☐ Moulded Fibre Reinforced ☐ Wood	Deck: ☐ Fully enclosed ☐ Partially protected Plastic ☐ Open Craft							
	i: <u>P</u> olypropylene ory related to the ma	 ximum recommended number	r of persons:	☑ Human propulsi☑ Engine/motor p	ropulsion					
Design Category	Number of Perso	ns Max Load (kg)		☐ Other (specify):						
D	4	350								
This declaration of conformity is issued under the sole responsibility of the manufacturer. I declare on behalf of the manufacturer that the recreational craft mentioned above fulfils the requirements specified in Article 4 (1) and Annex I of Directive 2013/53/EU. Name and function: Signature and title: Co-owner										
Date and place of issue (do	d/mm/yyyy):									



Essential requirements		s tech. file	nents	ments tech. file	nity	Specify the harmonised standards or other reference documents used
(Reference to relevant articles in Annex IA & IC of the Directive)	Harmonised standards Full Application	Harmonised standards Partial application, see te	Other reference documents Full Application	Other reference documents Partial Application , see tech. file	Other proof of conformity See technical. file	(with year of publication like "EN ISO 8666:2002")
General requirements (2)						
Principal data – main dimensions						EN ISO 8666: 2018 - Principal data
Watercraft Craft Identification Number – CIN (2.1)	\boxtimes					EN ISO 10087:2019 - Craft identification
Watercraft Builder's Plate (2.2)						EN ISO 14945:2021 - Builder's plate
Protection from falling overboard and means of reboarding (2.3)						EN ISO IS085:2003/AI:2009 - Man-overboard prevention and recovery
Visibility from the main steering position (2.4)						ISO 11591:2020 - Field of vision from the steering position
Owner's manual (2.5)			\boxtimes			EN ISO 10240:2020 - Owner's manual
Integrity and structural requirements (3)		1	ı	1	1	
Structure (3.1)						EN ISO 12215-5:2019 - Hull construction and scantlings
Stability and freeboard (3.2)						EN ISO 12217-3:2017 - Stability and buoyancy assessment and categorization - Part 3: Boats of hull length less than 6 m
Buoyancy and flotation (3.3)						EN ISO 12217-3:2017 - Stability and buoyancy assessment and categorization - Part 3: Boats of hull length less than 6 m
Openings in hull, deck and superstructure (3.4)						Not applicable
Flooding (3.5)					\boxtimes	See technical construction file
Manufacturer's maximum recommended load (3.6)	\boxtimes					EN ISO 14946:2021 - Maximum load capacity
Liferaft stowage (3.7)						Not applicable
Escape (3.8)						Not applicable
Anchoring, mooring and towing (3.9)	\boxtimes					EN ISO 15084:2018 - Anchoring, mooring and towing - Strong points
Handling characteristics (4)						Not applicable
Engines and engine spaces (5.1)		•	•	•	•	
Inboard engine (5.1.1)						Not applicable
Ventilation (5.1.2)						Not applicable



Exposed parts (5.1.3)				Not applicable
Outboard engine starting (5.1.4)				Not applicable
Fuel system (5.2)		•		
General – fuel system (5.2.1)				Not applicable
Fuel tanks (5.2.2)				Not applicable
Electrical systems (5.3)				Not applicable
Steering systems (5.4)		•		
General – steering system (5.4.1)				Not applicable
Emergency arrangements (5.4.2)				Not applicable
Gas systems (5.5)				Not applicable
Fire protection (5.6)		•		
General – fire protection (5.6.1)				Not applicable
Fire-fighting equipment (5.6.2)				Not applicable
Navigation lights, shapes and sound signals (5.7)				Not applicable
Discharge prevention (5.8)				Not applicable
Annex I.B – Exhaust Emissions		•		
Annex I.C – Noise Emissions				
Noise emissions level (I.C.1)				Not applicable
Owner's manual (I.C.2)				Not applicable



9 DISCLAIMER

The description and specifications contained herein were in effect at the time this manual was approved for printing. Even though care has been taken in the preparation of the contents of this owner's manual, Westbrook Boating Company BV does not assume legal or other liability for any inaccuracy, mistake, misstatement or any other error of whatsoever nature contained herein. Westbrook Boating Company BV formally disclaims liability in respect of such aforesaid matters. The information contained within this owner's manual of a condensed and general information nature only and your boat may change from the contents.

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