

NAME OF THE TERMINAL: QUAY WILLEBROEK BETON NV**LOCODE:** BETIS_3127_105**OVERVIEW:** River port consisting of one quay.**LOCATION:** On the Brussels-Scheldt Sea Canal, south of Antwerp in Belgium.

051° 2' 18" N 004° 21' 38" E

CHARTS: BA Charts No. 120, 139 and 1874 and local chart.**BERTHING:** Quay length 100 m. owned by 'Waterwegen en Zeekanaal NV'.**SAFE MAX DRAFT:** 4 m**OPERATOR:** Willebroek Beton NV, Brielen 1, 2830 Willebroek,

Tel: 0032(0)3 866 2166, Fax: 0032(0)3 886 5768

USEFUL TELEPHONE NUMBERS AND VHF CHANNELS:

Nieuwe Zeesluis Wintam (lock)	Tel: ++ 32 (0) 3 860 6293	Channel 10, 20, 68
	Fax: ++ 32 (0) 3 860 6306	
	Email : sluismeesters.wintam@wenz.be	
Nijverheidsbrug (Puurs)	++ 32 (0) 3 888 5302	Channel 10, 20
Boulevardbrug (Willebroek)	++ 32 (0) 3 888 0608	Channel 10, 20
Spoorbrug Willebroek	++ 32 (0) 3 886 6228	Channel 10, 20
Vredesbrug Willebroek	++ 32 (0) 3 886 6208	Channel 10, 20
Ringbrug (Expressbrug) Willebroek		Channel 10, 20
Hefbrug Tisselt (Willebroek)	++ 32 (0) 3 886 3008	Channel 10, 20
Harbour master	++ 32 (0) 3 860 6294	
Harbour masters office	Tel: ++ 32 (0) 3 860 6296 Fax: ++ 32 (0) 3 860 6305	
Harbour masters secretary	++ 32 (0) 3 860 6297	

PILOTAGE:

Pilotage is compulsory on the Sea Canal Brussels-Scheldt. A Pilot is to be ordered at least 2 hours in advance via Nieuwe Zeesluis Wintam (lock) by fax or e-mail.

The Canal Pilot is boarding before leaving the Nieuwe Zeesluis Wintam.

LINEHANDLERS:

The use of private linehandlers is compulsory on the Sea Canal Brussels-Scheldt.

Linehandlers are to be ordered together with the Canal pilot at least 2 hours in advance via Nieuwe Zeesluis Wintam by fax or e-mail.

Linesmen, equipped with a mooring launch, are supplied by Marnix CV.

TUGS:

Vessels with a LOA of more than 120 meter: 1 tug compulsory

Vessels with a beam more than 17 meters and a bowthruster: 1 tug

Vessels with a beam more than 17 meters, no bowthruster: 2 tugs

Vessels with a draft of more than 7 meters and no bowthruster: 2 tugs

Vessels with a draft of more than 7 meters and a bowthruster: 1 tug

The tug(s) is (are) in most cases secured through the centre fairlead aft, well before Wintam Lock. The tug is supplied by the URS towing company of Antwerp.

Tugs are to be ordered at least 2 hours in advance via Nieuwe Zeesluis Wintam by fax or e-mail.

'Waterwegen and Zeekanaal NV' owns two small tugs on the Willebroek Canal, but they lack the power to handle ships of more than 4500 DWT.

ISPS COMPLIANCE:

Nieuwe Zeesluis Wintam (lock) is a fully ISPS port facility. Ship ISPS compliance questionnaire is to be send to ISPSBELGIUM.REG9@MINFIN.FED.BE by e-mail or fax to +32/ (02) /233.76.28 at in accordance with Solas regulation.

MAXIMUM SIZE:

- From Nieuwe Zeesluis Wintam to Ruisbroek: safe max LOA 180 m, safe max beam 23.50 m, safe max draft 8.5 m (depending on berth) and safe max air draft 48 m
- From Ruisbroek tot Spoorbrug Willebroek : safe max LOA 140 m, safe max beam 16.50 m, safe max draft 6 m (depending on berth) and safe max air draft 32 m
- From Spoorbrug Willebroek to Brussels : safe max LOA 140 m, safe max beam 16.50 m, safe max draft 5.8 m (depending on berth) and safe max air draft 32 m

WATER DENSITY:

1.01

DOCUMENTS:*Clearance:*

This can be effected whilst the ship is at anchor, awaiting the tide at Oosterweel Anchorage (Antwerp Roads).

The following forms are required for port clearance:

2 Crew Lists

1 Ship's Stores/Bonded Stores List/Crew declaration

1 Tonnage Certificate.

Other than the Pilot, no official is boarding the ship.

Manifest:

After completion of loading, the ship receives a third original copy. This copy is to be endorsed on the reverse side by the Terminal Manager at Willebroek Beton NV, and then collected by him against a receipt for the cargo.

APPROACHES*Flushing and Antwerp roads:*

It is possible to have to anchor at the Flushing Anchorage or at Oosterweel awaiting the tide.

The ship has then to proceed upstream on the incoming tide, arriving at Wintam Locks at high water. The lock is located just west of the point where the River Rupel flows into the River Scheldt. The lock is the access point to the Sea Canal Brussels-Scheldt, which leads to Brussels.

The time of high water at Antwerp Roads is the determining time for entry into the Wintam Lock, docking at slack water or the beginning of the ebb.

Wintam Lock:

The dimensions of the lock are length 250 m. and width 25.0 m. The lock wall has rounded vertical steel linings, acting as fenders.

Only wooden fenders or standard fenders are allowed in the lock. This is to prevent any tyre fenders being torn off and sucked into the lock's mechanical parts.

Brussels-Scheldt Sea Canal to berth:

Before arriving at the berth following bridges are passed:

- Nijverheidsbrug (Puurs) : No air draft limitation, maximum width is 50 m.
- Boulevardbrug (Willebroek): Maximum width is 17.66 m. There is no air draft limitation but ships have to take into account that the bridge angle in open position is limited to 79°04'58" . This implies a reduction of air draft in case of high asymmetric superstructure.
- Spoorbrug Willebroek: Maximum width is 19.90. There is no air draft limitation.
- Vredesbrug: Max air draft is 32 m, maximum width is 35 m.
- Ringbrug (Expressbrug) Willebroek: Max air draft is 32 m, maximum width is 50 m.

Berth:

The berth is a closed concrete wall quay. Ship's fenders are normally required.

TERMINAL SAFETY:

The use of safety helmets and goggles is mandatory for all ship's crew members, when passing through the terminal from the ship to the terminal's entrance gatehouse.

FRESH WATER:

Not available, to be arranged via Ship Agent

FUEL:

To be arranged via Ship Agent. Possible via truck or barge.

WASTE DISPOSAL:

To be arranged via Ship Agent

SLOPS DISPOSAL:

To be arranged via Ship Agent

CARGO GEAR:

No fixed cargo gear available. Charging and discharging via mobile cranes

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