

TECHNICAL SPECIFICATION Hall A

Bielany Wrocławskie ul. Logistyczna 2

Certification: none



Area

<i>Terrein</i>	Entrance, gate / concierge, fence, maneuvering area for trucks, parking for passenger cars – 95 places parking for trucks 42 t - 5 places
<i>Building</i>	One-storey warehouse with a reserve for two-storey office and social space. Clear height in the storage area 10 m (to the main beams).
<i>Exterior facade</i>	<ul style="list-style-type: none">• Walls of prefabricated concrete elements with a height of:<ul style="list-style-type: none">> from -1.20 to 4.20 m at the docks> from 0.00 to 4.20 m at the "entrance" from level 0> from 0.00 to 0.30 m in other parts of the building, except for office premises• Sandwich panels in horizontal orientation with PIR filling, 10 cm thick• From the office side: Aluminum window and door frames, powder coated in RAL 5003. Color of external panels: RAL 7004.



Warehouse part

<i>Fire load</i>	Fire load up to 4000 MJ / m ²
<i>Column grid</i>	Column grid with a spacing of 22.5 m x 12 m and 22.5 x 24 m at the unloading docks.
<i>The floor plate</i>	<ul style="list-style-type: none">• Sandwich panels in horizontal orientation with PIR filling, 10 cm thick• Uniformly distributed load of 5 T / m².• The floor slab - reinforced concrete, 17 cm thick (reinforced: dispersed reinforcement).• Surface hardening: dry mineral sprinkle, dust-free floor.• Surface flatness according to DIN 18202, table 3, line 3• Thermal insulation of ground beams, internal circumference.• Prefabricated reinforced concrete perimeter beams.• Jointless floor.• Prefabricated reinforced concrete dock sockets.
<i>Supporting structure</i>	<ul style="list-style-type: none">• Reinforced concrete columns, main reinforced concrete beams.• 22.5 m x 12 m and 22.5 m x 24 m column grid at unloading docks. Steel structure protected against corrosion.• In the front part of the docks, a reinforced concrete wall as a substructure for sectional gates.

<i>Sectional doors</i>	<ul style="list-style-type: none"> • Overhead sectional gates with electric drive: • 3 m x 3.2 m sectional docks with glazed section (number: 79 pcs) • 3.5 m x 4.2 m entrance gates from level 0 (number: 13 pcs).
<i>Transshipment platforms</i>	<ul style="list-style-type: none"> • Hörmann electric type, nominal load capacity 60 kN • Lip length 0.405 m, platform width 2.0 m. • Platform length 2.50 m, height 0.6 m, steel structure. • Dock height: 1.20 m • Dock seal: apron. Two rubber buffers with dimensions of 500x250x100mm at each loading platform. Trailer wheel guides for each loading platform - made of cubes.
<i>Roof</i>	Flat warehouse roof, 0.75 mm thick trapezoidal sheet sheathing, powder coated in standard color. Roof insulation - hard mineral wool covered with a PVC membrane with a thickness of 1.2 mm. Design internal temperature in the storage area +15 ° C, at an outside temperature of -20 ° C.
<i>Roof drainage</i>	Underpressure roof drainage installation, emergency overflows in the walls of the attic.
<i>Lighting the warehouse area</i>	Access to daylight in the storage area - through smoke vents and skylights (lighting area in total 2% of the floor plan). Transparent polycarbonate filling. Starting the smoke exhaust from the sprinkler pump station.
<i>Door accessories</i>	Anti-panic mechanisms in all emergency exits. Door closers in fire-resistant doors and in the entrance door of the main office area.



Office part

<i>Fire resistance category and class</i>	ZL III, fire resistance class – D
<i>Offices and communication</i>	<ul style="list-style-type: none"> • Height of offices - 3m in the light. • Internal plasterboard walls, 100 mm thick, on steel system profiles with acoustic insulation made of mineral wool, painted with emulsion paint. • Finishing of floors: in offices there is a carpet (254 Inkwel Forbo), in social areas - ceramic tiles. • Ceiling finishing: mineral system suspended ceiling on a grid, panels 60 cm x 60 cm in white. • Aluminum window frames, powder coated in RAL 5003 color. • Internal paneled doors, steel frame, powder coated in a standard color.
<i>Technical rooms</i>	<ul style="list-style-type: none"> • Floor finish: faded concrete. • Finishing of walls: double painting with emulsion paint. • Doors: metal technical.

<i>Sanitary facilities</i>	<ul style="list-style-type: none"> • Internal plasterboard walls, 100 mm thick, double-paneled (waterproof board) on steel system profiles with acoustic insulation made of mineral wool, painted with emulsion paint. • Floor finishing: 30 cm x 30 cm ceramic tiles in a standard color. • Wall finishing: tiles up to 2m high, showers up to full height. • Ceiling finishing: mineral system ceiling suspended on a grid, panels 60 cm x 60 cm in white, waterproof. • Sanitary equipment: white ceramic sanitary ware (Circle). • Sanitary equipment: hangers, towel dispensers, soap dispensers (Merida).
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Sanitary and mechanical installations

<i>Sanitary installations</i>	<p>Sanitary sewage system: combined</p> <p>Storm sewer: water discharge based on a water-legal permit.</p> <p>Industrial sewage system: none.</p> <p>Water supply system for social and living purposes - powering the municipal network.</p>
<i>Fire protection</i>	<p>ESFR sprinkler system (K240 heads) in the storage part, water supply for fire purposes from the fire tank. Internal hydrants and handheld firefighting equipment on the storage area in accordance with local regulations and requirements. External hydrants located on the premises of the facility. Permissible fire load on the warehouse: up to 4,000 MJ / m².</p>
<i>Heating and ventilation</i>	<p>Heating in the storage area - gas heaters. Design internal temperature in the storage area: 15 ° C with an outside temperature of - 20 ° C. In the office part, central heating is supplied from a gas boiler room. Calculated internal temperature in the office part: 20 degrees C, outside temperature - 20 ° C. Heating in sanitary facilities locally - electric heaters.</p> <p>Ventilation in the storage area:</p> <p>Exhaust: mechanical 0.25 changes / h, roof exhaust fans. Air supply: through entrance gates.</p> <p>Ventilation system: based on smoke vents and air gates</p> <p>Ventilation in the office and social part:</p> <p>Extraction and supply: air handling units with heat recovery, air volume 30 m³ / h.</p> <p>Air conditioning in the office and social area: split 100W / m²</p>



Electrical Installations

<p><i>General</i></p>	<ul style="list-style-type: none"> • 630 kVA power supply for a hall with a storage area of 22,290.4 m². • Energy distribution: main switchgear, object switchgears. • Power supply: 230/400 V. • Electricity consumption billed by sub-meters. One meter per module of warehouse space. Main meter at the SN WRW-4107 station, indirect metering, servicing three halls: A, A2 and B • Power supply for the workplace: two sockets on an 8m² purely office space. • Cleaning and general purpose sockets: one cleaning socket for every 20 m² of room (corridors, sanitary facilities, lockers, cleaning room, technical room). • General purpose sockets in kitchenettes: 4 pcs. • In the warehouse part - a set of single-phase general-purpose sockets located at the loading platform, 2 pcs +1 force socket (1 set per 3000 m² of the hall) • Lightning protection - horizontal and vertical lightning rods.
<p><i>Lighting</i></p>	<ul style="list-style-type: none"> • Mixed LED and fluorescent lamps • 200 lux in the warehouse (before check-in), in sanitary rooms, corridors and staircases) • 150 lux in technical rooms • 500 lux in offices • Emergency lighting / signage for emergency exits at all emergency exits
<p><i>Telecommunication</i></p>	<p>Teletechnical connections: individual depending on the tenant.</p>