Technical Specification No 4/2025
Issue A / 07.11.2025

Bicycle Separator(Separator rowerzysty)
Bicycle Separator Bike(Separator rowerzysty Bike)

Purpose:

A bicycle separator is a specialized element of road infrastructure designed to physically separate a roadway designated for motor traffic from a dedicated cycle path. Its primary function is to increase the safety of all road users by:

• clearly delineating traffic zones and reducing the risk of uncontrolled vehicles entering the cycle path,

• absorbing impact energy thanks to its flexible rubber structure, minimizing damage in the event of contact with a vehicle,

• increasing the visibility of the driving path both day and night.

The separator is equipped with high-quality reflective tapes that provide excellent linear visibility, and with reflective glass elements at the ends that act as point reflectors. This ensures the separator remains clearly visible in difficult weather conditions and with limited visibility, improving spatial awareness for drivers and cyclists.

Material:

SBR rubber granulate
PUR resin
Reflective tape 3M
Metal reinforcement for assembly





Colour:

Black
Allowed content of others colors max 0,5 %
Reflective tape 3M

Dimensions:

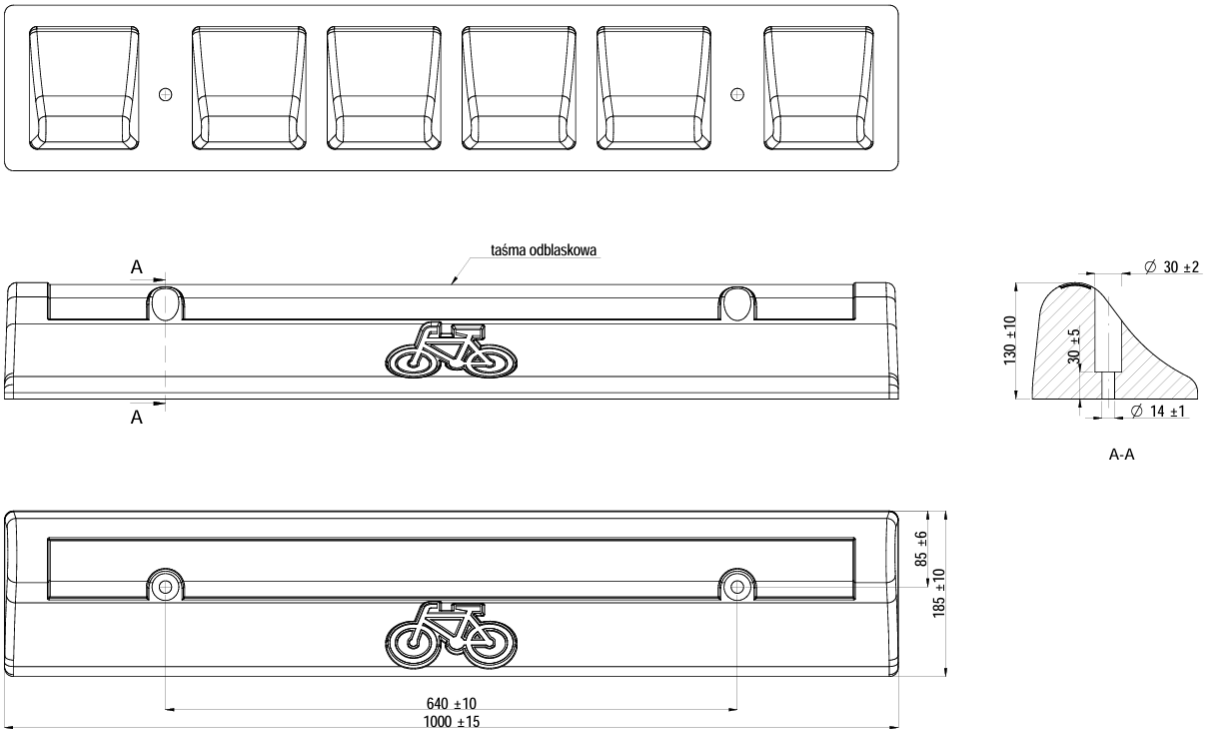
Item name	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
Bicycle separator	1000	185	130	11,4
Bicycle separator Bike	1000	185	130	11,4
Bicycle separator End	1000	185	130	11,2
Bicycle separator End Bike	1000	185	130	11,2

Technical parameters:

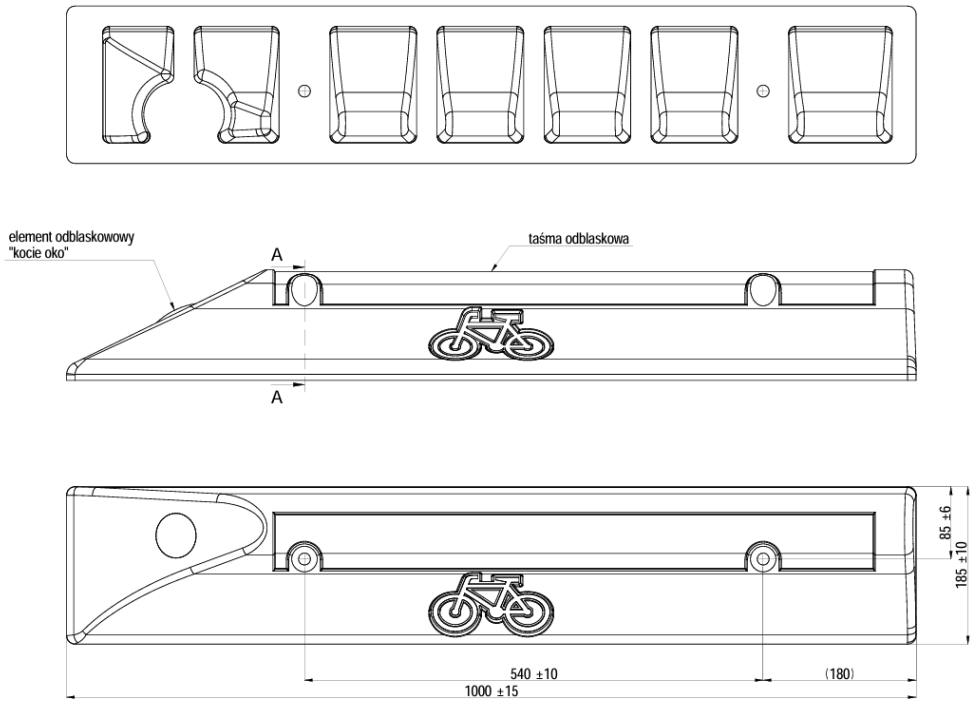
Parameters	Value	Unit	Standard / Method
Tensile strength	≥ 1,0	MPa	PN-ISO 37
Hardness	≥ 55	°ShA	PN-EN ISO 868:2005
Tolerance - length,	± 15	mm	of nominal
Tolerance - width	± 10	mm	of nominal
Tolerance - height	± 10	mm	of nominal
Tolerance- weight	± 0,8	kg	of nominal

Technical drawings:

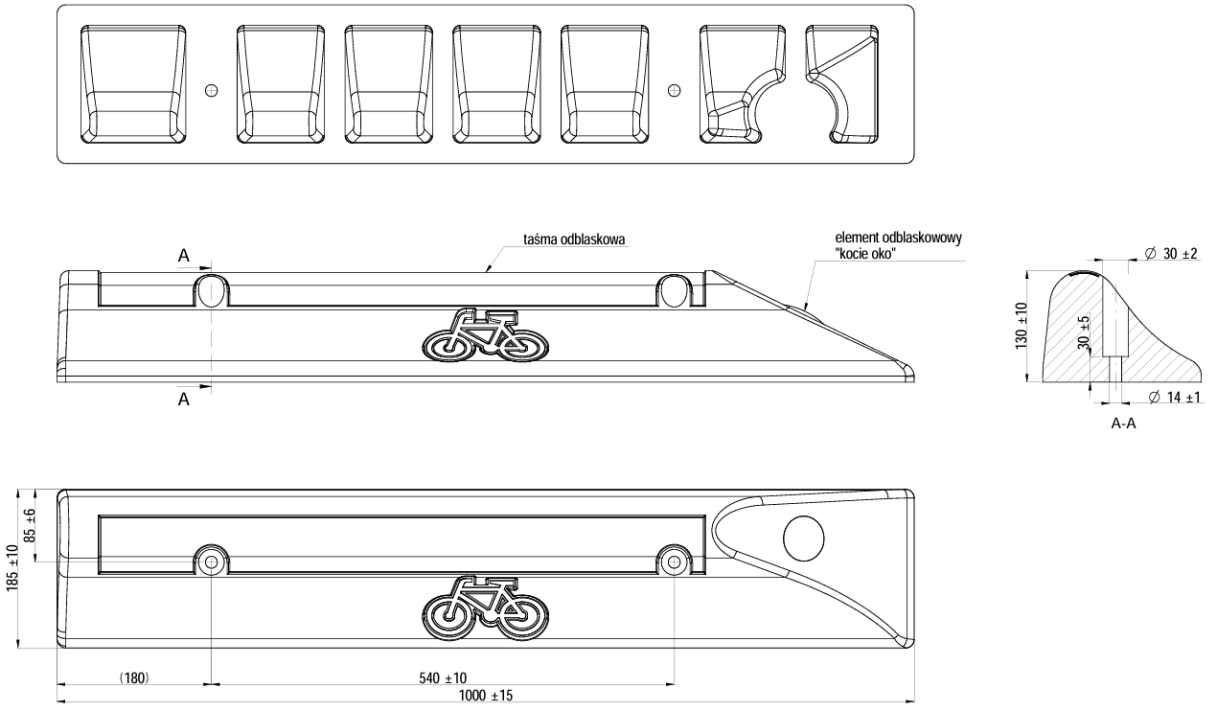
MIDDLE ELEMENT



LEFT END



RIGHT END



Instalation:

Products are equipped with holes for expansion bolts for installation. Number of mounting holes:

- Bicycle separator / Bicycle separator Bike - 2 pieces
- Bicycle separator / Bicycle separator Bike End Left/Right - 2 pieces

Packing:

Packed on a Euro pallet with 80 pieces. Protected by protective film and strapped with tape.
Description on the pallet with the product name, quantity, batch number and packing date.
On customer's request other way of packing possible

Identification:

Product- on the underside of the product information about the date of production.
Pallet- product name, quantity, pallet identification number, packing date, quality control stamp.

Storage:

The products should be stored on pallets in protective film and protected from external weather conditions.
The products may be stored for a longer period of time only in closed, ventilated rooms without humidity, after removing the protective film. Storage temperature: max 40 ^{o}C

Health, safety and fire conditions:

Conditions for storage and use of the product- must meet all requirements for storage and use of rubber materials.