



Technical Specification

EKO-BORD System Universal Borders

1.1 Types of produced borders

EKO-BORD borders are available in dark graphite, in 5 basic dimensions.

Tolerance for all products amounts to $\pm 0.5\%$.

EKO BORD MINI



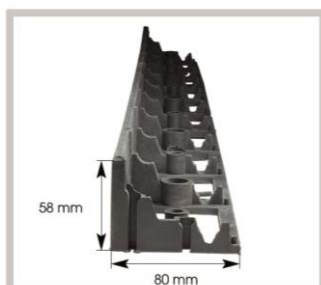
Height	Base width	Length	Weight
27 mm ($\pm 2\text{mm}$)	65 mm ($\pm 2\text{mm}$)	1000 mm ($\pm 5\text{mm}$)	0,3 kg ($\pm 0,05\text{kg}$)

EKO BORD UNI



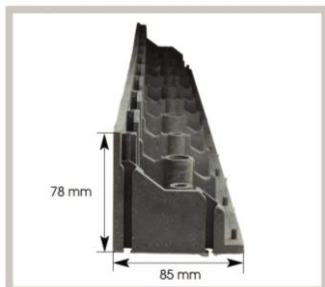
Height	Base width	Length	Weight
45 mm ($\pm 2\text{mm}$)	80 mm ($\pm 2\text{mm}$)	1000 mm ($\pm 5\text{mm}$)	0,45 kg ($\pm 0,05\text{kg}$)

EKO BORD MAX



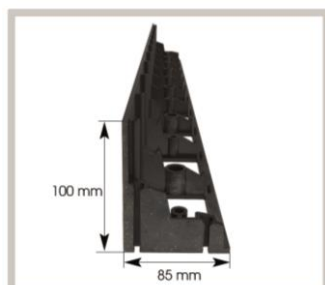
Height	Base width	Length	Weight
58 mm ($\pm 2\text{mm}$)	80 mm ($\pm 2\text{mm}$)	1000 mm ($\pm 5\text{mm}$)	0,5 kg ($\pm 0,05\text{kg}$)

EKO BORD GRAND



Height	Base width	Length	Weight
78 mm (±2mm)	85 mm (±2mm)	1000 mm (±5mm)	0,7 kg (± 0,05kg)

EKO BORD BIG

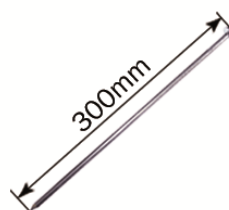


Height	Base width	Length	Weight
100 mm (±2mm)	85 mm (±2mm)	1000 mm (±5mm)	0,8 kg (± 0,05kg)

Nails:



Plastic nail: ø16mm



Metal nail: ø7,8mm

1.2 Product classification

PKWiU: 25.23.15-50.99

2. APPLICATION

2.1 Designated use

EKO-BORD borders are applied to maintain and stabilise hard surfaces such as e.g. sett, instead of concrete borders. They are also used to delineate (separate) different types of surfaces.



Examples of surfaces for which EKO-BORD borders can be applied:

- concrete sett
- granite sett
- terrace tiles
- flagstones
- surfaces made of field stone
- gravel and grit surfaces
- gravel and grit surfaces hardened with resin
- lawns
- bark
- garden soil

Basic advantages of EKO-BORD include:

- The capacity to form curved EKO-BORD surface borders flexibly. Owing to its structure, the solution is an invisible element of the surface.
- EKO-BORD borders can be used to delineate and limit any shapes of gravel or grit paths, e.g. for pedestrians or cyclists in parks and green areas in the cities. They can be applied to separate lawns from farming land successfully as well.
- A very important advantage of the border is its fast and easy assembly and no need to make excavations, which reduces costs and labour-consumption of surface construction significantly.
- Another advantage of the border is that it is made entirely from recycled materials, which is important for protecting the natural environment in the times of the growing quantities of waste.

2.2 Application

Eko-Bord Mini – Application

- sett 4cm high
- granite 4x6
- flagstones, terrace tiles
- turf grass
- gravel and grit surfaces hardened with resin, e.g. terraway

Eko-Bord Uni – Application

- sett 6cm high
- granite 6x8
- terrace tiles or flagstone above 5cm high
- gravel and grit surfaces
- lawns
- bark

Eko-Bord Max – Application

- sett 8cm high
- granite 8x11
- gravel and grit surfaces
- lawns
- bark

Eko-Bord Grand – Application

- sett 8cm high
- granite 8x11
- field stone
- gravel and grit surfaces
- lawns
- bark

Eko-Bord Big – Application

- masonry stone
- granite 15x17
- flower beds
- gravel and grit surfaces
- field stone
- lawns, bark

2.3 Assembly instructions

Work is finished manually with small auxiliary tools.

A set of tools necessary to install borders:

- pincers
- a hammer
- a meter

1) Connections

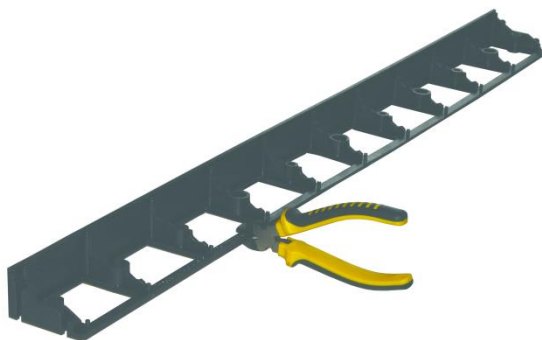
Connect borders with straight and comfortable connectors.

EKO-BORD borders are fitted with connectors used to install them in a system that creates a uniform and stable line.



2) Bends

You can create curved surface borders by cutting the lower strip of eco-bord.



3) Anchoring

Eko-bord borders are fixed to the ground with nails:

- plastic nails for soft ground (lawns, farming land, sand)
- metal nails for hard surfaces (clay, broken stone).

Recommended number of nails per 1 running meter:

- a straight line – 3 pcs. per 1 m
- bends – 4-5 pcs. per 1 m



4) The final phase of eco-bord borders assembly is to cover them with grit, bark, etc., so that they are not visible.



Notes:

- 1) Before you start work, remember to level the ground.
- 2) Cover the borders as soon as possible after their installation, to protect them against heat due to excessive exposure to sunshine.
- 3) If EKO-BORD borders are used with paver, use a broader base course, minimum 10 cm under the paver, so that a nail is anchored in the base course.



- 4) If borders are installed at temperatures below 5°C, use a separation joint approx. 1.5 ~ 2.0 cm every 5 running meters.
- 5) Select the height of Eco-Bord borders according to the type and depth of a surface.
- 6) Install Eko-Bord borders so that the upper edge of a border does not protrude above the surface it protects.