

PRODUCT RANGE AND ACCESSORIES

ECO ANCHOR

For post diameter:
Ø 48, Ø 60 and Ø 63 mm



Length:
400 mm
or
600 mm

FASTENING



Standard square
flange, flexible metal
wedge,
4 hex bolts



Circular flange,
flexible metal wedge,
4 countersunk torx
bolts



Cover plate,
4 countersunk torx
bolts

Universal for anchors
Ø 48, Ø 60 and Ø 63



Extension for eco
anchor - to enhance
the stability in very
unstable grounds (a.e.
moor)

Version for anchors
Ø 60, L = 200 mm

ACCESSORIES



Universal adapter for
driving anchors
Ø 48, Ø 60 and Ø 63



Electric jackhammer



Spirit level

Length Post diam.	400 mm	600 mm
48 mm	48/400	48/600
60 mm	60/400	60/600
63 mm	63/400	63/600

MATERIAL:

All parts are protected against corrosion: Eco anchor, flange, flexible wedge and cover plates are hot dip zinc plated, nuts galvanised, bolts of A2 stainless steel.

REPLACE THE OUTDATED AND UNPRACTICAL METHODS OF SETTING UP POSTS WITH A SUSTAINABLE INSTALLATION WITH ECO ANCHOR!



ECO ANCHOR - MULTIPURPOSE APPLICATION



SINCE 1979



ANDOTEHNA

ECONOMICAL

SUSTAINABLE

FAST

STABLE

ECO ANCHOR

A SUSTAINABLE WAY TO
SET UP POSTS

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VIDEO



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SETTING UP A POST WITH THE ECO ANCHOR



- 1 Penetrate the ground with the moil point or narrow chisel
- 2 Drive the anchor into the ground
- 3 While driving the anchor make sure it is in vertical position
- 4 Put the flange and the flexible wedge on the post
- 5 Insert the post and gradually tighten the screws



MOUNTING EQUIPMENT:

- electric jackhammer + generator
- adapter for driving
- Eco Anchor
- post

When used on asphalt or concrete surfaces, a circular saw with 160mm diameter or pneumatic hammer is used to penetrate the surface. Before the anchor is fully driven in, it is recommended to fill the surrounding hole with a cement mortar. The anchor is fully driven in when the top of the anchor is levelled with the terrain surface.

POST FOUNDATION METHOD COMPARISON

Typical concrete foundation	Foundation with ECO ANCHOR
Deployment of construction machinery	/
Digging a hole	/
Preparing the concrete	Driving the anchor into the ground
Post installation	Post insertion
Building material removal	Mounting the sign on the post
Construction machinery transport	DONE!
Concrete drying	/
Mounting the sign on the post	/
1 - 2 hours	10 - 15 min

ECO ANCHOR ADVANTAGES:

- no digging
- no concrete work
- no building material removal
- no heavy construction machinery needed
- fast and economical
- stable
- ECOLOGICAL: - minimal environment impact, 100% recyclable
- PRACTICAL: - simple installation
- fast and easy post replacement or removal
- minimum storage requirements
- installation independent of weather conditions
- various applications

ECO ANCHOR: A SUSTAINABLE CHOICE!

EKO ANCHOR - A SUSTAINABLE WAY TO SET UP VERTICAL SIGNALISATION

FAST AND ECONOMIC INSTALLATION

- Fast mounting of post: 10-15 min
- No concrete works
- Minimum labour cost - only 1 person needed for installation



SETTING UP A POST

Flexible metal wedge, fastening flange and four bolts fix the post into the anchor and prevent rotation or removal of the post.



Reinforcement wings reinforce the anchor to prevent any deformations of the anchor during driving the anchor into the ground and enhance the stability of post.

Reinforced anchor tip for easier penetration into the ground.



SUSTAINABLE

- Minimum environmental impact:
- no digging
 - no heavy construction machinery
 - no building material removal
 - 100% recycable

FOR MOST COMMON POST DIMENSIONS

Eco anchor is designed for three most frequently used dimensions of posts:

- Ø 48 mm (6/4")
- Ø 60 mm (2")
- Ø 63 mm (2")

Eco anchor lengths:

- 400 mm for compacted ground (gravel, concrete, asphalt)
- 600 mm for soft ground (soil, sand)

MULTIPURPOSE APPLICATION

Eco anchor is suitable for application in most grounds:

On solidified ground (parking lots, roadways, pavement) a 400 mm long eco anchor is used. Suitable also for asphalt and concrete surfaces. Most infrastructure networks are more than 0,5 m deep and therefore reasonably safe from damage.

On soft terrain (grass, soil, sand) a 600 mm long anchor is used for better stability. In exceptional cases (e.g. in moors) an additional extension of 200 mm can be used.

QUICK AND EASY POST REPLACEMENT

In case the post gets damaged (e.g. hit by a car, vandalism) the post can be easily replaced with a new one. Everything needed is a new post and screwing tool. Replacement is done quickly, without cutting, digging or concreting.



SEASONAL ELEMENTS, URBAN AND PARK EQUIPMENT

Due to simple post removal or replacement the Eco anchor is an ideal solution for:

- setting up seasonal elements (urban and park equipment, playground elements, fencing, etc)
- temporary or seasonal elements (event management, seasonal equipment of public places)
- special transport, where due to abnormal load sizes the traffic signalisation needs to be temporarily removed

Cover plate aesthetically covers and protects the opening while the post is not mounted.

