

AUTOPA LTD

RO-CYCLE BOLLARDS

(UNIVERSAL & KONUS)

INSTALLATION & USER INSTRUCTIONS

(Read in full before starting)

SAFETY

We recommend the following minimum precautions are taken:

Wear appropriate safety clothing.

Eye protection and hand protection should be worn when mixing concrete.

Wear strong protective gloves.

Secure the site from pedestrians and vehicles, where applicable, by the use of high visibility tape, barriers, cones, safety lamps etc.

If you use a power supply ensure that it is secure and in a safe dry location.

Ensure there are no underground services that may be affected.

FEATURES

A flexible bollard, manufactured from recycled rubber, which can bend down to 90 degrees without being damaged. It will in time return to its original position. A low speed impact will cause virtually no damage to the bollard; considerable replacement costs are therefore avoided.

Environmentally friendly and extremely robust and maintenance free.

INSTALLATION INSTRUCTIONS

Universal

Determine the position of the bollard.

Excavate a hole to 780mm deep and insert the tubular steel pipe so the top is flush with the ground.

Concrete around the pipe surrounds to ensure a firm fixing.

Next pack the pipe with sand to the required depth, ensuring at least 340mm of rubber bollard will be below ground level.

Insert the rubber bollard and pack around the edges between the bollard and pipe with sand. Joining at the top of the pipe with concrete, PU foam or mastic.

Konus

Determine the position of the bollard. Foundations should be a good, flat, strong concrete.

Place the steel flange over the bollard, and slide down.

Use the drill holes in the flange as a template and drill bolt holes.

Bolt the bollard and flange in place, 6 x 10 mm bolts are required per bollard.

Fixing down bolts are available extra – type depends on ground conditions.

MAINTENANCE

Occasionally clean all surfaces with soap & water.

Check that fixing bolts and other visible fixings are suitably tight and have not worked loose.