Technical Data

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PACERS® Speed Control System

No of Pages	03
Issue No	08
Date	6/15
Ref	PACERTD

Part Code:

40930 PACERS® (1 pair) 1 black, 1 yellow
40933 PACERS® End Caps (1 pair) 2 yellow

40934 Expand plug Fixing (4 per pack)



Description

PACERS® is a modular rubber speed control system manufactured from high impact virgin rubber, designed for use by cars or HGV vehicles.

Features

- Black and yellow sections for high visibility. The yellow section is formed by a rubber skin which provides a light-fast, permanent, highly visible finish.
- Modular sections which are easy to install and relocate.
- Each section inset with green and red cats eyes for night time visibility and directional traffic flow.
- Specifically designed profile to slow traffic speeds down to 5 - 10mph.
- Easily fitted to concrete or asphalt surfaces and mounted on a steel pole for extra rigidity.
- Recommended fixing – Expandaplug (Part Code -40934) - moulded rubber sleeve with threaded brass insert and high tensile steel set screw.
- Deep ribbed surface ensures safe grip and necessary drainage.

Technical Data (Typical)

PACERS® Speed Control System

Material:	Natural blend of black and yellow rubber with a hardness of 60-70 IRHD.
PACERS® Dimensions: Tolerance: +/-1% Standard Pacer® Angle of Slope	 405mm deep x 250mm wide x 68mm high 22.5°
PACERS® End Caps Angle of Slope	405mm deep x 210mm wide x 68mm high 22.5°
Diameter of Recess for Steel Pole:	45mm (O/D)
Weight: PACERS® (per pair) PACERS® End Cap (per pair)	 11kg 6.5kg
Designed to slow traffic speeds down to:	5-10mph
Material:	Natural rubber blend of black and yellow rubber with a hardness of 60-70 IRHD.

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Installation Method

All PACERS® sections must be fitted over a steel pole of 45mm diameter.

Equipment required for installation:

- Drill and drill bit (26mm for asphalt or 28mm for concrete).
- Metal pole 45mm OD cut to length of required ramp* - essential for structural strength.
- Saw
- Tape measure

1a. Determine road width and number of PACERS® sections required making allowance for cycle, motor cycle and fork lift traffic as necessary.

1b. Ensure road surface is swept free of loose stones and gravel. Any potholes should be filled using SAFE STEP® Concrete Repair Compound or SAFE STEP® Epoxy Repair Compound for concrete repair.

2. Lay the required length* of metal pole (45mm O/D) section on the road.

Position the PACERS® blocks over the metal pole.

* To determine the correct length of pole, determine the number of PACERS® or MINI PACERS® sections required and include 5 cm for each end cap.

Note: If the road has a severe camber it may be necessary to cut the pole partially in 2 or 3 places. **IMPORTANT**: The pole is essential for structural strength.

Position PACERS® sections ensuring the correct coloured cats eyes are facing the oncoming traffic - GREEN where traffic is permitted, RED where traffic is prohibited.

3. Mark hole centres on road surface by drilling through the fixing holes in the PACERS® sections.

4. Remove sections and drill fixing holes using a 26mm drill bit for asphalt and 28mm drill bit for concrete holes. Holes should be 110mm deep. Insert the rubber sleeve into the hole with the brass thread to the bottom until the top of the sleeve is flush with the road surface.

5. Locate the set screw through the PACERS® hole and Expandaplug sleeve and tighten until firm. **Do not over-tighten bolts**

6. A week after installation the fixings should be inspected to ensure that they are suitably tight and have not worked loose

Important

Suitable warning signs must be placed in a clearly visible position at least 10 metres in front of the PACERS® ramp(s).

Maintenance

The PACERS® sections should be periodically cleaned to reduce the accumulation of oil, grease, dirt and other contaminants from the surface, which may reduce their visibility. To clean use either of the following methods:

- Warm water with a mild detergent and a strong bristled brush.
- Pressure jet cleaning (no more than 1000 psi (68 bar) and up to 60°C is recommended to avoid damage). If using this method of cleaning, we advise against directing the nozzle at the reflectors as the high pressures generated may cause damage. After cleaning, the surface should be rinsed thoroughly with clean water and left to dry.
- Periodically check that all fixings are suitably tight and have not worked loose.
- Where the ramp is being installed across a roadway ensure that a suitable gap is left at the gutter(s) to enable satisfactory drainage.

Advice

If further advice or information is required, please contact us at the address below or by email to: technical.sitesafety@rocol.com

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Health & Safety

When installing the PACERS® system suitable gloves, goggles, and a dusk mask are recommended.

Disclaimer: *The information in this publication is based on our experience and reports from customers. There are many factors outside our control or knowledge which may affect the use and performance of our products, for this reason it is given without responsibility.*

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