



MODULAR Rubber Roundabouts



**PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE
PROCEEDING WITH OPERATION**

Version 1.0

6 December 2024

Contents

Product Introduction:.....	2
Recommended PPE:	2
Required Equipment:	2
Installation Guide:	3
Centre Infill:.....	3

Product Introduction:

Our rubber roundabouts are a great alternative to a traditional roundabout. The modular design enables you to get the right size for the situation, you increase the number of sections and the diameter of the roundabout increases. Sizes are dependent on the site requirements. Sizes range from 3 metres up to up to 21.4mtrs.

The sections are manufactured from recycled rubber giving you a professional looking finish. Once the sections are installed the centre is filled. (customer supplied) Filling options vary depending on the environmental surrounds - ie topsoil & grass / concrete / pavers etc

Recommended Personal Protective Equipment (PPE):

- Earmuffs
- Safety Glasses
- Dust Mask
- Safety Vest
- Gloves
- Steel Cap Boots

Required Tools & Equipment:

- Hammer Drill and an 16mm Masonry Bit
- Tape Measure
- Marking Crayon
- Generator and Air Compressor with long nose nozzle
- Electric Rattle Gun and Socket to fasten the coach screw
- Sledgehammer
- 16mm socket and extension piece
- Hammer
- Stanley knife and pliers (in case removal of plastic is necessary)

Installation Steps:

PLEASE NOTE THAT IF SEGMENTS ARE NUMBERED ON THE INSIDE OF THE SEGMENTS, PLEASE FOLLOW THE NUMERICAL SEQUENCY TO ACHIEVE THE REQUIRED DIAMETER AS PER PHOTO BELOW.

1. Mark centre point of roundabout
2. With a tape or string, line mark out radius of the roundabout using a mark out crayon
3. Lay out rubber roundabout into required position, linking each piece with the supplied dog bones
4. Fit last roundabout segment, adjust in or out using a sledgehammer
5. Drill holes to 110mm deep with 16mm masonry bit and hammer drill
6. Blow out the hole with an air hose, use a long air blower nozzle attached to the air compressor for each hole.
7. Insert epoxy into the top of the hole with 1 or 2 full pumps of the trigger per hole
8. Insert nylon plug, screw and washer (preassemble coach screw into nylon plug (just give it 1 turn to hold, prior to installation) until it is level with the top of the road surface
9. Tighten coach bolt using an impact driver (please note you may need to weld the head of the 16mm socket to the extension piece)
10. Place rubber cap in hole



Centre Infill:

Concrete Infill, Bitumen Infill, or Topping Infill.

1. Liaise with the concreter as he will provide advice on the following
2. If it is a large roundabout, consider using a foam joint between the rubber and the concrete
3. The concreter will also advise if and where expansion joints are needed to be cut in the concrete infill
4. As concrete expands and contracts a gap of around 3mm may develop over a year. If this is a concern it can simply be caulked with mastic.