

PLAYTOP

SPHERES

INSTALLATION GUIDE

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1 Playtop Spheres overview.

Playtop Spheres are hydraulically pressure-moulded and are manufactured from EPDM rubber (Ethylene Propylene Diene Monomer) and polyurethane binder.

There are two methods of installing a Playtop Full Spheres; by using a pole anchor, or by using a surface mounted plate.

Please note – Playtop Full Spheres are heavy and are difficult to lift. Playtop recommends that safe lifting procedures are followed and if required, lifting tools are made available. Playtop can supply a lifting tool upon request.

Playtop Half Spheres are installed by gluing directly onto a concrete, asphalt or Playtop SBR sub-base.

2 Sizes and weights (approximate).

- Full (diameter): 600mm = 120 kg, 450mm = 48 kg, 350mm = 26 kg
- Half spheres (diameter): 600mm = 60 kg, 450mm = 24 kg and 350mm = 13 kg

3 Colours (stock).

- May Green
- Sky Blue
- Yellow
- Purple
- Red
- Rose
- Orange

4 Minimum order quantity.

4.1 Playtop Spheres.

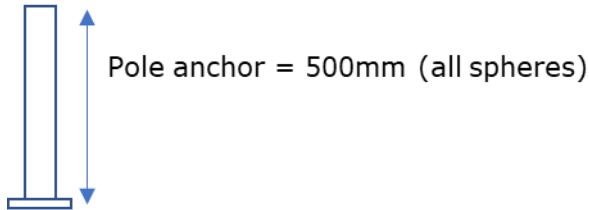
- Stock colours: No minimum order and standard delivery
- Non-stock colours: minimum order quantity = 2, delivery = 6 weeks

4.2 Playtop Half Spheres.

- Stock colours: Minimum order quantity = 2 of the same size and colour. Standard delivery
- Non-stock colours: minimum order quantity = 4 of the same size and colour, delivery = 6 weeks

5 Playtop Spheres Installation guidance.

5.1. To install a Playtop Sphere using a pole anchor.



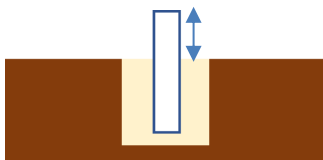
1. Dig a hole, 500mm x 50mm.



2. Place the supplied pole anchor into the hole, ensuring that there is enough pole anchor left protruding above the surface.

Playtop recommends leaving the following length of pole anchor, above the surface level:

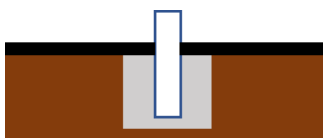
- 350mm sphere = 145mm
- 450mm sphere = 155mm
- 600mm sphere = 275mm



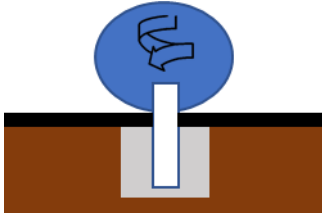
3. Fill the hole with concrete and leave to set – **Playtop recommends waiting until the concrete is fully set before proceeding. Approximately 24 hours.**



4. If installing a two-layer system, lay the SBR base layer and leave to cure. If installing a single EPDM / Nike Grind / Playtop Walk system, lay the material and leave to cure.



5. Apply the S310 cartridge adhesive (not supplied, but can be purchased separately, through Playtop) by running beads of glue around the anchor recess inside the Playtop Full Sphere.
6. Place the Playtop Full Sphere onto the pole anchor, twisting as you go to ensure that full contact is made and the adhesive can bond sufficiently.



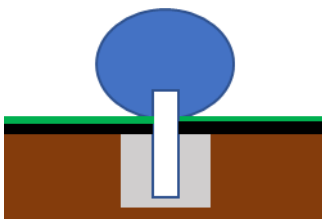
If you are installing a 600mm sphere, you will receive two halves. Each half weighs approximately 60 kgs.

Therefore, Playtop recommends that the lower half (with the pre-moulded recess) is placed onto the ground anchor first, as per step 6.

Then, using the S310 cartridge adhesive (not supplied, but can be purchased separately, through Playtop) dispense beads of adhesive around the flat perimeter face of the bottom half of the Playtop Full Sphere, ensuring that you keep the adhesive approximately 30mm from the outer edge.

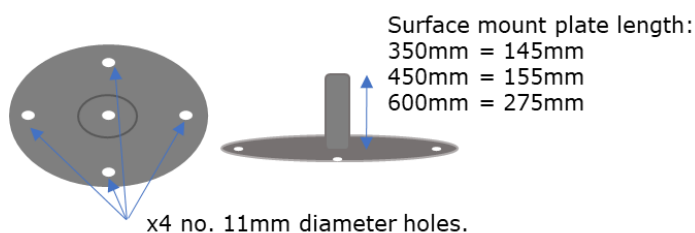
Once the adhesive has been applied, carefully place the top half of the sphere onto the bottom half of the sphere, adjust so both halves align and leave to cure / bond together.

7. If installing a two-layer system, install the EPDM / Nike Grind wearing layer and leave to cure.



8. Once the installation is complete, the plastic covering can be removed and any slight scuff marks which may have been incurred during the installation can be removed using Playtop 25.

5.2 To install a Playtop Sphere using a surface mounted plate.



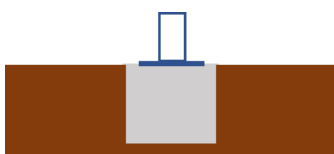
1. Dig a hole, 500mm x 50mm.



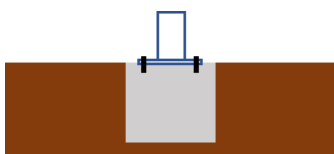
2. Fill the hole with concrete and leave to set – **Playtop recommends waiting until the concrete is fully set before proceeding. Approximately 24 hours.**



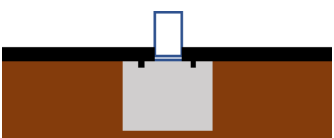
3. Place the surface mounted plate on top of the concrete.



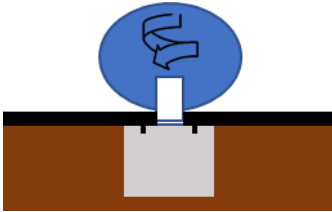
4. At each hole location, drill into the concrete and then insert Rawl bolts and tighten to secure the surface mounted plate in place (Rawl bolts are not supplied by Playtop and must be sourced locally).



5. If installing a two-layer system, lay the SBR base layer and leave to cure. If installing a single EPDM / Nike Grind / Playtop Walk system, lay the material and leave to cure.



6. Apply the S310 cartridge adhesive (not supplied, but can be purchased separately, through Playtop) by running beads of glue around the anchor recess inside the Playtop Sphere.
7. Place the Playtop Full Sphere onto the pole anchor, twisting as you go to ensure that full contact is made and the adhesive can bond sufficiently.



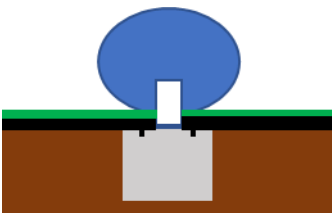
If you are installing a 600mm sphere, you will receive two halves. Each half weighs approximately 60kgs.

Therefore, Playtop recommends that the lower half (with the pre-moulded recess) is placed onto the ground anchor first, as per step 6.

Then, using the S310 cartridge adhesive (not supplied, but can be purchased separately, through Playtop) dispense beads of adhesive round the flat perimeter face of the bottom half of the Playtop Sphere, ensuring that you keep the adhesive approximately 30mm from the outer edge.

Once the adhesive has been applied, carefully place the top half of the sphere onto the bottom half of the sphere, adjust so both halves align and leave to cure / bond together.

8. If installing a two-layer system, install the EPDM / Nike Grind wearing layer and leave to cure.



9. Once the installation is complete, the plastic covering can be removed and any slight scuff marks which may have been incurred during the installation can be removed using Playtop 25.

6 Playtop Half Spheres Installation guidance.

6.1 To install a Playtop Half Sphere by gluing onto the surface.

1. If installing a two-layer system, lay the SBR base layer and leave to cure.



If installing a single EPDM / Nike Grind / Playtop Walk system, prepare the surface by sweeping and clearing any loose debris and proceed to step 2.

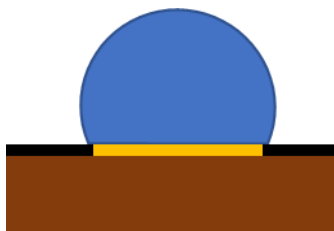
2. Mark out the area where the Playtop Half Sphere will be placed and apply the S310 cartridge adhesive (not supplied, but can be purchased separately, through Playtop) inside the marked area.

If you are installing a single EPDM / Nike Grind / Playtop Walk system, apply the adhesive directly onto the concrete or asphalt sub-base.

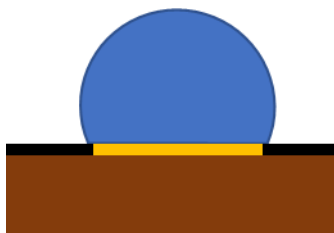


Birds-eye view

3. Place the Playtop Half Sphere on top of the adhesive and leave to cure.



4. Install the EPDM / Nike Grind / Playtop Walk and leave to cure.



5. Once the installation is complete, the plastic covering can be removed and any slight scuff marks which may have been incurred during the installation can be removed using Playtop 25.

Playtop is a registered brand of:

Conica Limited, Jessop Way, Newark,
Nottinghamshire, UK, NG24 2ER

Tel. +44 (0) 1636 642461

Email. info@playtop.com