

A1 SMART-PED SYSTEM

INSTALLATION INSTRUCTIONS

Assembling the Zoontjens A1 Smart-PED is straightforward, but it's always important to follow the instructions provided in this guide.

1. Preparation

Lay out all components and tools required for assembly.

Ensure you have the following tools:

- 4 mm flathead (flared tip) screwdriver
- Spirit level
- 17 mm spanner
- Zoontjens Dreen® Hybrid adhesive HP50

Important: Only Zoontjens Dreen® Hybrid adhesive HP50 may be used with this pedestal system.



2. Identify Components

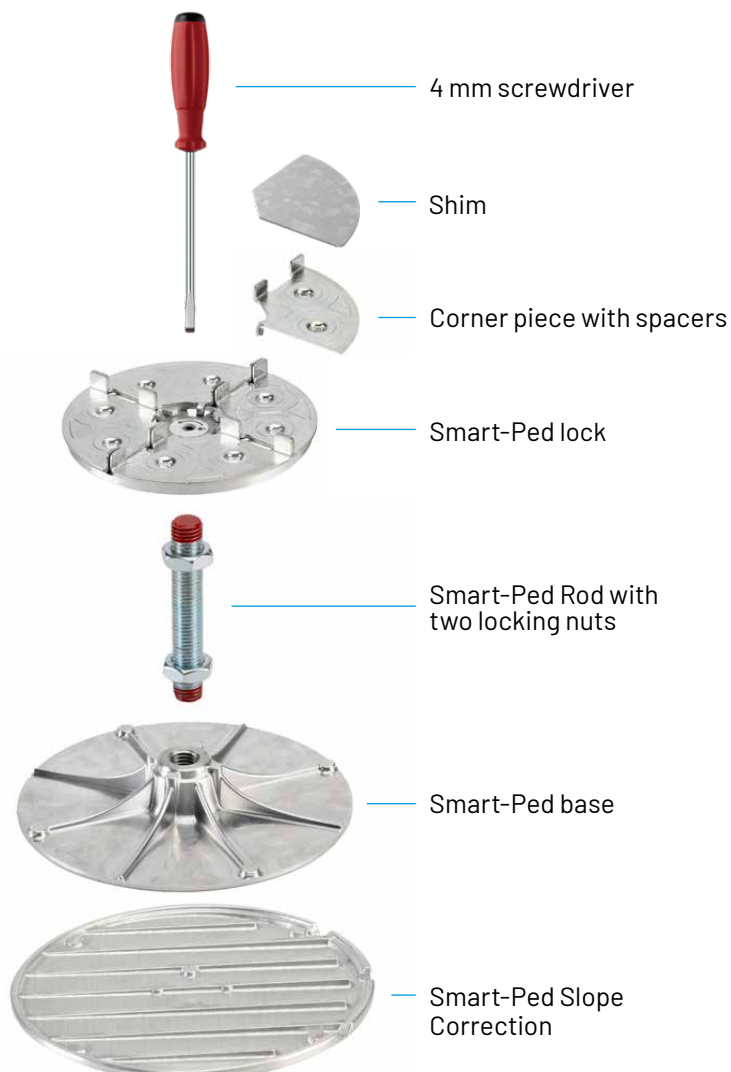
Familiarise yourself with the various parts of the pedestal system.

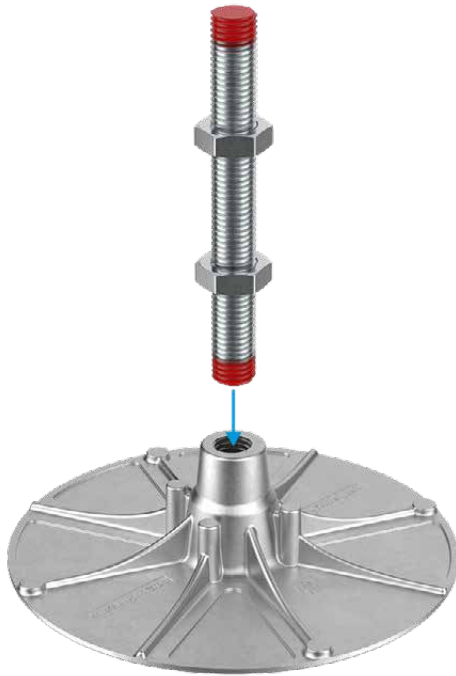
Base assembly typically includes:

- Smart-Ped Base
- Threaded rod with two locking nuts
- Smart-Ped lock with four demountable corner pieces

Additional components (as required):

- Shims
- Slope correctors





3. Attaching the Smart-Ped Base

- Select the appropriate threaded rod from the seven available lengths.
- Screw the rod into the base plate until the red marking is no longer visible.



4. Preparing the Smart-Ped lock

A. Achieve the desired paving pattern:

1. For a standard pattern, keep all four spacers.
2. For a stretcher bond, remove one spacer.
3. In edge zones, remove two opposite spacers.

B. Remove the spacer(s) from the Smart-Ped using pliers.



5. Attaching the Smart-Ped lock

Screw the Smart-Ped lock onto the threaded rod until the red marking is no longer visible.

6. Height Adjustment

Adjust the height of the Smart-Ped by rotating the top and bottom parts.

The adjustable height range is 5 mm up to 50 mm depending the type of base.



7A. Paving Installation

Carefully lower the paving slab onto the Smart-Ped lock in the desired paving pattern.

7B. Paving Installation

Check the level using a spirit level and adjust the height as needed.



7C. Paving Installation

Tighten the nuts using a 17 mm spanner.



7D. Paving Installation

Apply Zoontjens adhesive to all four demountable corner pieces.

- Recommended: 2 adhesive dabs of 15-20 mm each per corner piece
- Lower the paving into place and allow the adhesive to cure.





8. Locking and Unlocking the Paving

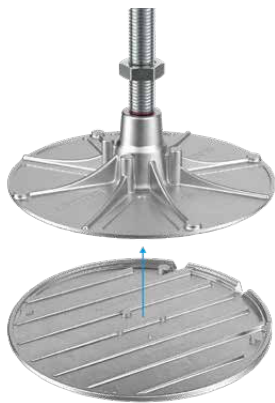
To unlock:

A Insert a 4 mm flathead screwdriver into the corner of the slab at the locking plate. Push down and twist counter-clockwise to release. Repeat for all four corners.

B Once all corners are unlocked, the slab can be lifted and removed.

To relock:

- Place the slab back in position.
- Use the 4 mm flathead screwdriver to turn each locking plate clockwise to secure.



9. Slope Corrector (optional)

Install one slope corrector beneath the base plate to create or compensate up to 2% slope. Maximum three stacked together can compensate up to 6%.

10. Shims (optional)

Use shims to:

1. Improve stability
2. Compensate for variations in paving thickness

Shims should be glued directly onto the demountable corner pieces.

For further information please visit our website or email our technical department.

www.zoontjens.co.uk

Email: technical@zoontjens.uk



WHAT IF THE WORLD WERE TWICE AS BIG

It can be, as far as we're concerned. Our world, twice as big. A world that we are helping to design and construct perfectly with our roof slab systems. Our many years of experience have made us the number one expert in rooftop paving. For sustainable roofs, livable roofs for socialising. We interact with architects and contractors every day. With roofers and project developers. Creators and constructors. We listen to them, work with them and advise them. That's why we're the number one party with the best rooftop vision. It's our higher ground.

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