

Installation guide for

YOUNGSTAR®

1. Tools you will require

Alignment

- Tape measure or ruler.
- Stringline.

Anchoring

- AS70 anchoring screws (supplied separately)
- Hammer drill
- Impact driver
- 6mm SDS masonry drill recommended (6.5mm drill for harder concrete)
- T40 star head driver bit

Cutting

- Felt marker pen, chalk or white out.
- Chalk line.
- Jigsaw or heavy duty box cutter/craft knife
- Spare blades.
- Steel straight-edge rule.



2. Install at the correct temperature

Matting must be installed to these exact instructions. These provide joining tolerances for thermal contraction and expansion.

Rubber is a natural product and temperature will cause slight changes in size, with an extent of 0.2% per 10°C. Installation should be carried out in temperatures between 10°C and 25°C to mitigate any expansion and contraction.

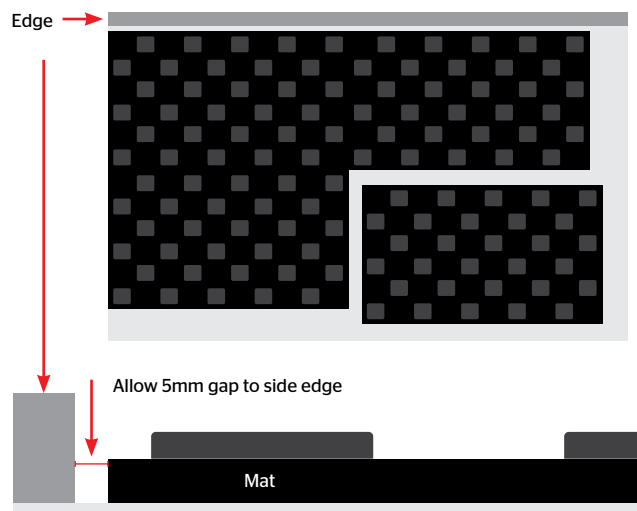
The mats should be set aside for awhile near the installation site so they can adjust to the ambient temperature before they are laid.

Mats must not be fitted too tightly to avoid pressure build-up and bulging in hot conditions.

3. Laying out the mats

- Start at the straight edge.
- Retain a 5mm gap to the side edge.
- Lay out the complete area.

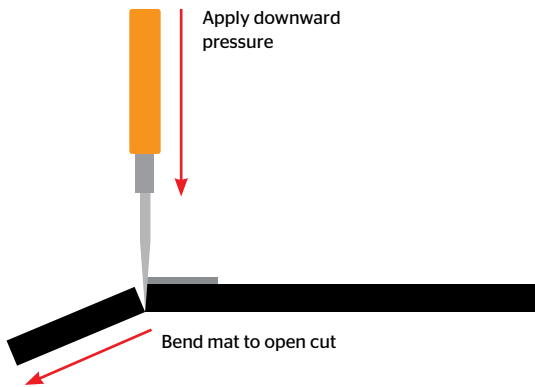
WHEN LAYING MATS IN AN AREA, ENSURE THE LUGS ARE IN STAGGERED POSITION WHERE EDGES MEET. THE LUG POSITION PATTERN MUST BE CONSISTENT THROUGHOUT THE ENTIRE AREA SO NO LARGE GAPS BETWEEN LUGS ARE VISABLE.



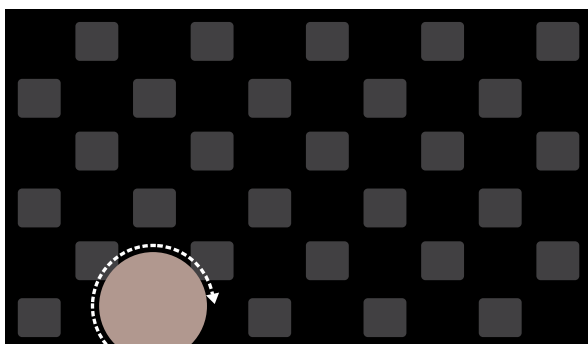
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4. Cutting

- Mark the mats to be cut with a marker pen or chalk line.
- Run the knife along a steel straight-edge.
- Use pressure to open the cut to reduce friction on the blade as you cut.
- Always make sure you have a sharp blade (snap off blade recommend).
- To make cutting easier, especially for around contours, you can use a jigsaw, if it is safe to do so.



- For around posts, use a hole saw to mark circle, then finish with knife.



Mark circle outline with chalk, then cut with knife.

5. Anchoring

IMPORTANT! To ensure proper fit, cut and place all mats BEFORE anchoring.

There are 12 anchor recesses per mat, 12 is recommended for high pressure areas, and minimum is 6 per mat.

Drill through the mats and into the concrete to a total depth of 100mm. Drive AS70 screw/anchors using an impact driver until the finishing washer is countersunk slightly.

For high traffic areas, the Youngstar 32mm Mat should use 12 anchor recesses per mat, with a minimum of 6 anchors depending on the application. For the Youngstar 20mm Mat, a minimum of 12 anchors is recommended. Additional anchors may be necessary to enhance mat effectiveness, reduce maintenance, and extend lifespan.

