



MASTERSPIKES INSTALLATION GUIDE

Thank you for purchasing Mastermark range of bird deterrent spikes. These spikes are made of all-weather materials and are specifically designed for both indoor/outdoor usages. Please follow the recommendations below for an effective installation.

INSTRUCTIONS

- ① Measure affected ledge/surface to ensure appropriately sized spikes are used. Each base is snappable for you to adjust the length of spikes needed.
- ② Ensure surface is clean, dry, and clear of any debris before installation.
- ③ Apply a generous amount of construction adhesive or high tack silicone onto the base.
- ④ Position spikes on affected ledge/surface (refer to Diagram A). Place each strip one after another without leaving gaps in a linear manner.
- ⑤ Press spikes firmly downwards to ensure good contact. Optional: Attach a screw for added support if needed.
- ⑥ Allow at least 24h for adhesive to dry completely with sufficient protection against rain or water.

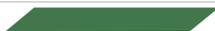
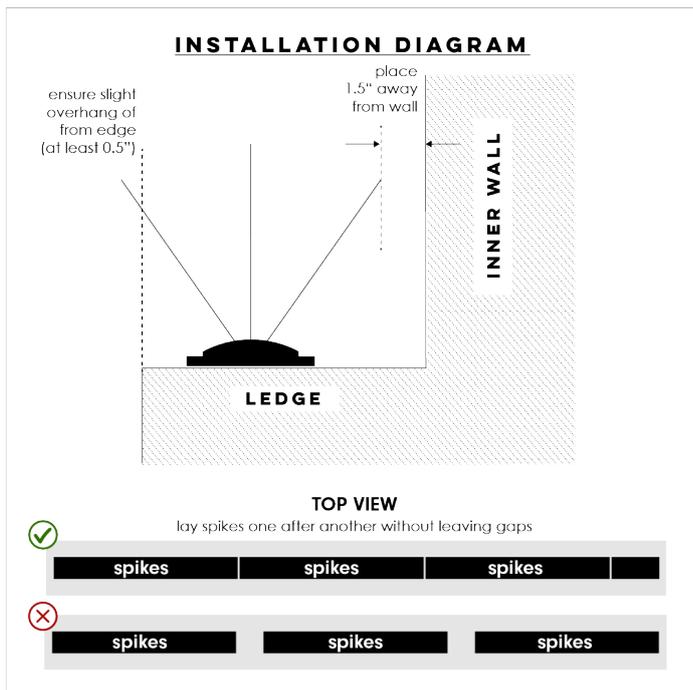
Recommended Size Guide		
4 to 6 inches wide ledge	—	2 pin
up to 7 inches wide ledge	—	3 pin
up to 8 inches wide Ledge	—	4 pin

Dos

- ✓ Ensure that you are always wearing Personal Protective Equipment (PPE) when working at heights.
- ✓ Apply more than enough adhesive for all installations (One 290ml tube to approximately 20 strips of spikes).
- ✓ Ensure surfaces are level and clear of any debris before application.
- ✓ Install spikes slightly overhanging from the ledge to prevent birds from perching (refer to Diagram A)
- ✓ Ensure that spikes are about 1.5 inches away from inner wall of ledge and covering at least 80% of the ledge surface area.
- ✓ After applying adhesive, ensure that there is sufficient protection against rain or water for at least 24h.

Don'ts

- ✗ Install spikes too far into the ledge, such that birds are able to stand on the outer fringe of the ledge.
- ✗ Install spikes directly against the inner wall (pins touching wall).
- ✗ Use wrongly sized spikes. Please refer to the recommended size guide above.
- ✗ Install spikes on wet surfaces as this will



ADDITIONAL INFORMATION

When to use bird spikes?

Bird spikes may look harmful to birds, but they are designed to deter them even before landing on a surface or building ledge. Each pin is squared even and flat on the ends to prevent any injury to the bird.

Spikes should be used against pigeons, crows and mynahs but are less effective against smaller birds such as sparrows, swallows, and starlings.

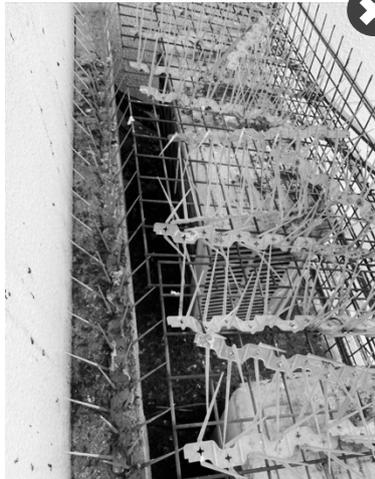


Areas where bird spikes are used:

- ✓ Building ledges
- ✓ Street lighting
- ✓ Commercial signages
- ✓ Beams or pipes
- X Aircon Compressors
- X Voids or gaps

Bird spikes are used best against:

- ✓ Pigeons
- ✓ Mynahs
- ✓ Crows
- X Sparrows
- X Swallows / Swifts
- X Starlings



Why are there birds nesting at the area where bird spikes are installed?

If the birds were nesting prior to the installation, they tend to have a vested interest in the benefits of that location and the motivation to return is very high. Spikes are most effective only when installed along linear ledges and not undulating areas such as air-con compressor ledges where there may be areas such as pipes and trunking which may be left uncovered by spikes.

Ensuring that the pins protrude at least 0.5" off the ledge also ensures that the spikes are effectively installed. Please see the installation method above.

What is the lifespan of Masterspikes?

Masterspikes are made with 1.5mm stainless steel (304 grade) pins and a UV treated polystyrene base to take on our tropical heat and rain. Our spikes are proudly made in Singapore and can last 5-8 years in an outdoor environment.

What are other types of bird control methods?

At Mastermark, we offer a vast array of different bird and wildlife management services. Some of these include:

Bird netting
Spring Loaded Wire Systems
Acoustic Deterrence
Relocation and nest removal
Cleaning

To find out more, do visit our website
www.mastermark.com.sg.

Who can I contact if I need help with installation?

Have any questions? Please feel free to contact us! We'll be happy to help with your query. Get in touch with us with the following methods below:

tel: +65 6741 6880
wa: +65 9841 0692
email: info@mastermark.com.sg
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