

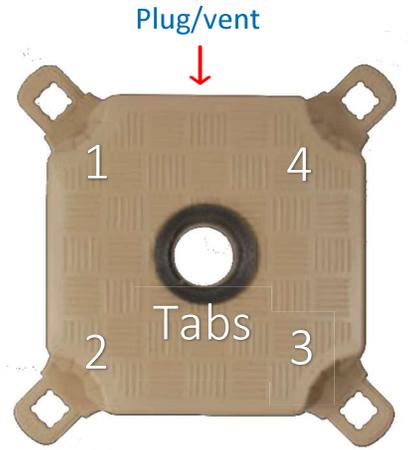
# POST CUBE + 2 7/8" X 0.120 GALVANIZED STEEL PILE + 3" PVC SLEEVE AND CAP



Regular



Low-profile



2 7/8" Steel pile



3 1/2" PVC sleeve



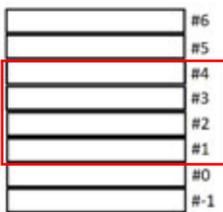
3 1/2" PVC cap & Rubber insert

## USEFUL LINKS AND RESOURCES:

[YouTube](#)

[Website](#)

## TAB POSITIONS



## SPECIFICATIONS

**Material/Composition:** High-density polyethylene resin, ABS flange, expanded polystyrene, galvanized steel, and PVC

**Available colors:** Beige and Grey

**Surface:** Anti-skid

**Dimensions:** L x W: 48 cm (19") x 48 cm (19") H: 36 cm (14")

**Dimensions (low profile cube):** L x W: 48 cm (19") x 48 cm (19") H: 23 cm (9")

**Weight:** Cube: 9 kg (20 lbs.) / Low profile cube: 8 kg (17 lbs.)

**Needed tools:** G2 key for pin, Key for nut, piling bull, piling driver, piling lever, but saw or zip cut grinder, PVC glue, and ratchet tool kit

## SKU NUMBERS

G2 POST CUBE BEIGE: C06-000002

G2 POST CUBE GREY: C06-000003

LOW PROFILE G2 POST CUBE BEIGE: C06-000005

LOW PROFILE G2 POST CUBE GREY: C06-000005

2 7/8" GALVANIZED STEEL PILE: B0057

3 1/2" PVC SLEEVE: C06-000001

PVC CAP: C06-000019

## TERMINOLOGY

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**FLANGE:** Ultra-resistant plastic insert that allows a fluid yet durable system. It allows the POST CUBE to move up and down on the pile (with tidal or seasonal variations) without any restriction while ensuring a sturdy and durable anchoring method.

## ASSEMBLY PROCEDURE

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See the CUBE assembly procedure.

## IMPORTANT PRINCIPLES

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The below principles and notions apply to Candock's piling system in general. We recommend that the specifications of the combined products remain unchanged. Outside diameters of both the steel piles and PVC sleeves and the below guidelines are of the utmost importance to ensure the components' proper functioning altogether. See diagrams on the following page for additional visual explanations.

**WATER DEPTH:** Water depths should not exceed 2m (6.6') to ensure optimal stability.

**NATURE OF SEABED:** The composition of the soil/ground underwater must be tractable. I.E., Sand, mud, or small gravel.

**PILEDEPTH :** The piles should be inserted in the ground at 60cm (2'), ideally 90cm (3').

**VERTICALITY:** All piles should be perfectly vertical after installation is complete. The use of a level is highly recommended.

**PROTECTED ENVIRONMENT:** Any Candock system that is to be anchored with our piling system should not be subjected to waves of more than 60cm (2'). Candock's piling system is extremely restrictive in the amount of leeway it will allow to the dock. Aggressive waters may translate to premature wear of the components.

**CANDOCK'S PILES WORK IN PAIRS:** Candock's piling system implies that the piles are configured in pairs.

**EACH PAIR OF POST CUBES SHOULD BE AT MAXIMAL INTERVALS OF 7m TO 9m (23 TO 30'):** To maintain optimal stability and linear geometry, each pair of post cube should not exceed a distance of more than 9m (30').

**OTHER CUBES ON 3 SIDES SHOULD ALWAYS support POST CUBES.:** In other words, a post cube should never be installed on the outside corner of a Candock dock. It should always be recessed inside of 1 cube; on at least one (1) side.

**POST CUBES SHOULD NEVER RUB DIRECTLY AGAINST THE STEEL PILES:** This implies that the lengths of PVC sleeves must always span the total length of seasonal or tidal fluctuations of water levels. The PVC sleeve should be going deep enough for the post cube to rub on the PVC sleeve at the lowest possible water levels.

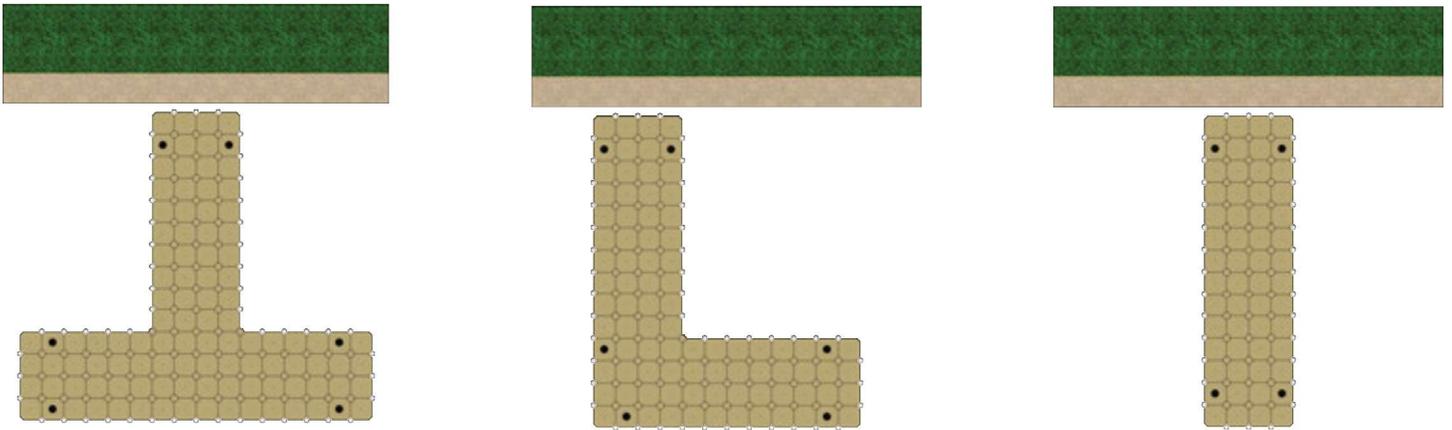
**PVC CAPS (INCLUDING RUBBER INSERT) ARE MANDATORY:** Each pile/PVC sleeve combination should be completed with a glued PVC cap and rubber insert.

## TIPS

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-Candock suggests that the piles protrude of approximately 1m to 1.5m (3-5 ft.) above the dock surface; at an average high-water level. Doing this allows for an insurance policy if the water level should unforeseeably rise.

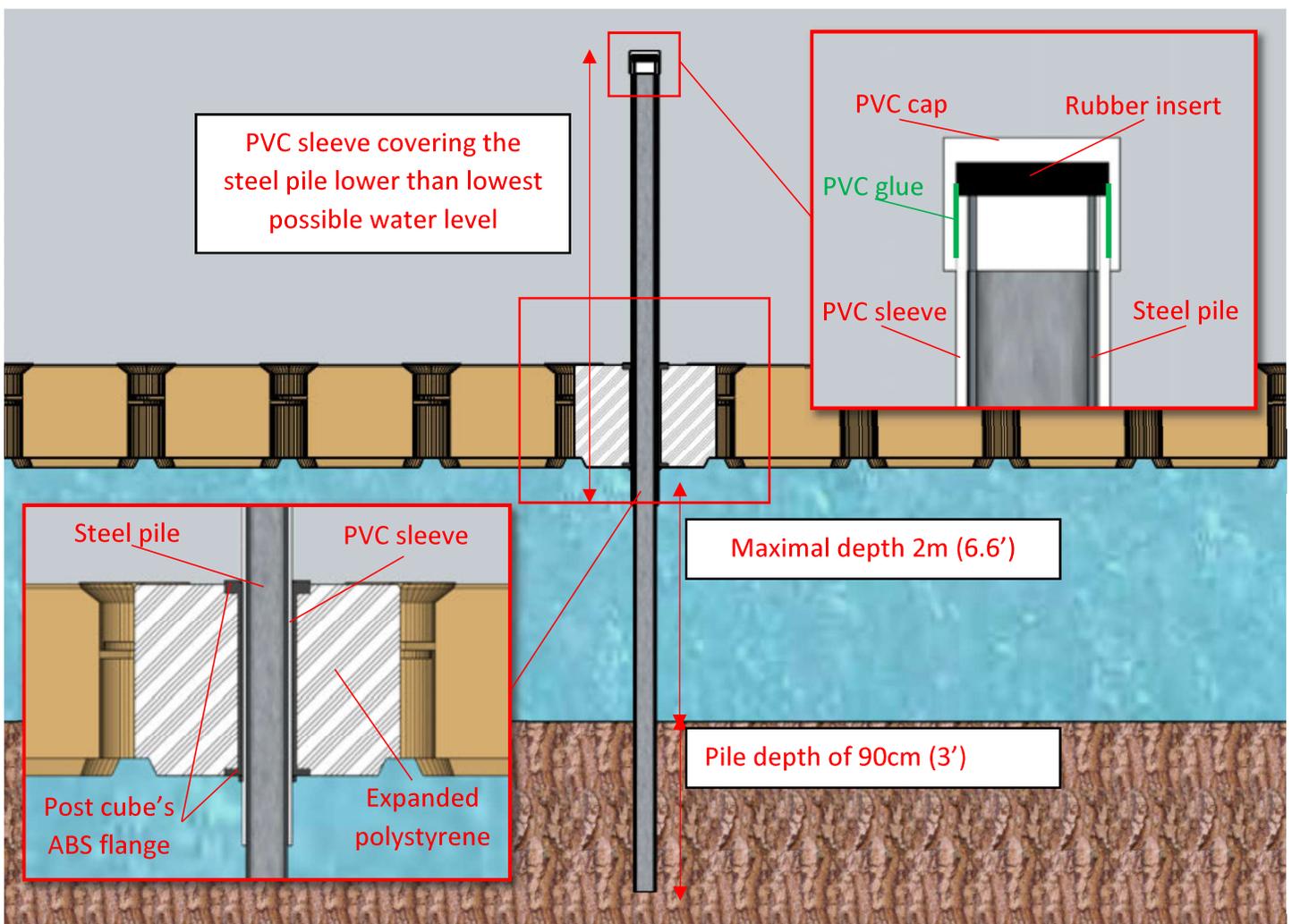
## PILE POSITION EXAMPLES



ALL FEATURED PILES ARE WORKING IN PAIRS AND ARE SUPPORTED/SURROUNDED ON AT LEAST 3 SIDES.

MAXIMAL DISTANCE BETWEEN EACH SET OF PILES IS LESS THAN 9M (30')

## POST CUBE / STEEL PILE / PVC SLEEVE AND CAP COMBINATION



A FEW EXAMPLES

