TERMITE
ENGENHARIA INOVATIVA

CATALOG
TECHNICAL & COMMERCIAL

TERMITE SOLUTIONS FOR REINFORCED AND POST-TENSIONED CONCRETE

Precision, productivity and consistency
in structural construction.

INNOVATIVE ENGINEERING

POSITIONING. ASSEMBLY. VERIFICATION.

From assembly to structural finishing

Positioning and verification errors can cause rework. From reinforcement and service penetrations to anchorage finishing, Termite solutions help plan construction and reduce improvised fixes.

01 POST-TENSIONING, ASSEMBLY AND VERIFICATION

Post-tensioning solutions

Caderix, Cabo Mestre, Pocket Former, CAP and PocketLixa: from installation to anchorage protection.

Positioning, verification and finishing.

03-06

02 REINFORCEMENT AND CONCRETE COVER

Spacers and accessories

Reinforcement support and positioning suited to the structural element.

Concrete cover as specified in the design, with fewer improvised fixes.

07-08

03 SLAB PENETRATIONS

PavDucto Vertical

The component and PVC pipe define the opening before concrete placement.

A planned service penetration.

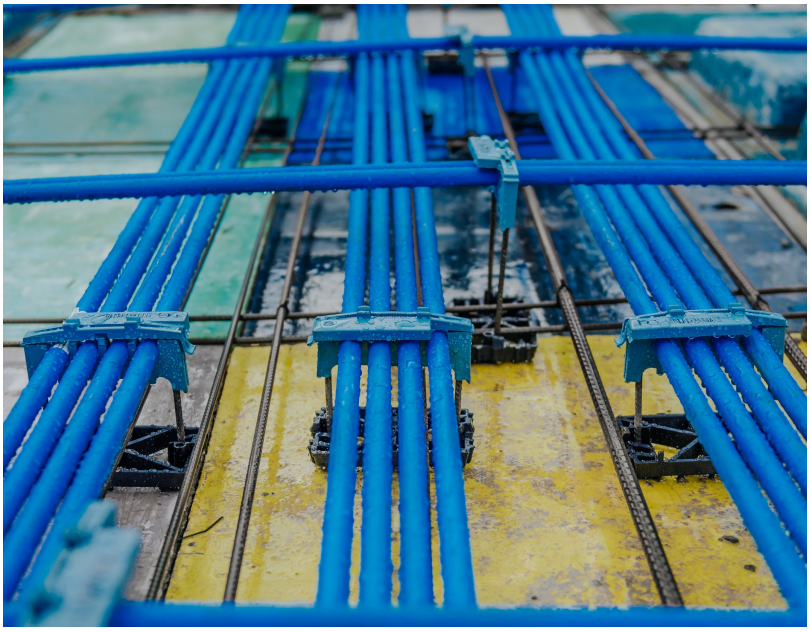
09

Check each solution's application and limitations against the project design.

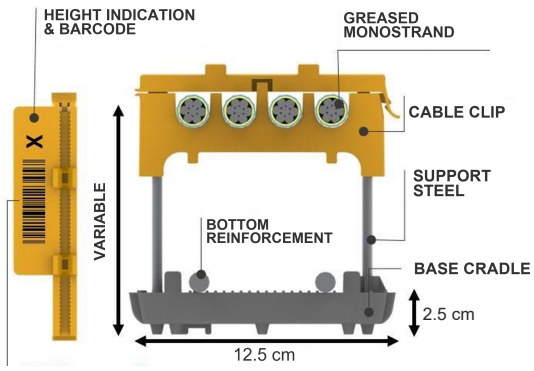
Caderix: simplifying post-tensioning

An assembly that supports strand positioning and indicates the specified elevation during installation.

ON-SITE APPLICATION



ASSEMBLY DETAIL



The assembly has strand clips, steel supports and a base cradle. The updated cradle supports the bottom reinforcement with 2.5 cm of concrete cover.

HEIGHT RANGES BY COMMERCIAL SIZE

P	M	G	GG	XG
6 to 10 cm	11 to 16 cm	17 to 21 cm	22 to 26 cm	27 to 30 cm

Within each range, heights increase in 1 cm increments. P, M, G, GG and XG are commercial size designations. When ordering, specify the required effective assembly height.

Applications: solid and ribbed slab zones. Check that the base matches the geometry specified in the design.

Check the technical data sheet for the height measurement reference and dimensions applicable to each model.

Cabo Mestre: identification for verification

Information printed on or attached to the sheathing helps identify the tendon and verify its design elevation during installation.

WHAT THE IDENTIFICATION INCLUDES

Design elevation
Project and floor
Tendon, revision and length

Cabo Mestre's distinctive color makes it easier to locate during installation.

1 **Installation as designed**
Position the tendons and Caderix assemblies as specified in the design.

2 **Cross-checking the information**
Before tying, check the tendon elevation and Caderix height against the design.

3 **Verification before concrete placement**
Verify the identification, positioning and measurement convention used.

PavScan and locking bar: confirm availability and conditions of use.

Pocket Former + CAP: from pocket to protection

The Pocket Former shapes the access pocket at the live anchorage during concrete placement. After stressing, approval of elongation records and strand cutting, the CAP forms part of end protection. Close the pocket as specified in the design.

BEFORE / COMPONENTS ON SITE

CAP / BEFORE POCKET CLOSURE

01

Form the pocket

The Pocket Former shapes the access pocket during concrete placement.

02

Access and inspect

After stripping the formwork, clean and inspect the pocket before stressing.

03

Protect with CAP

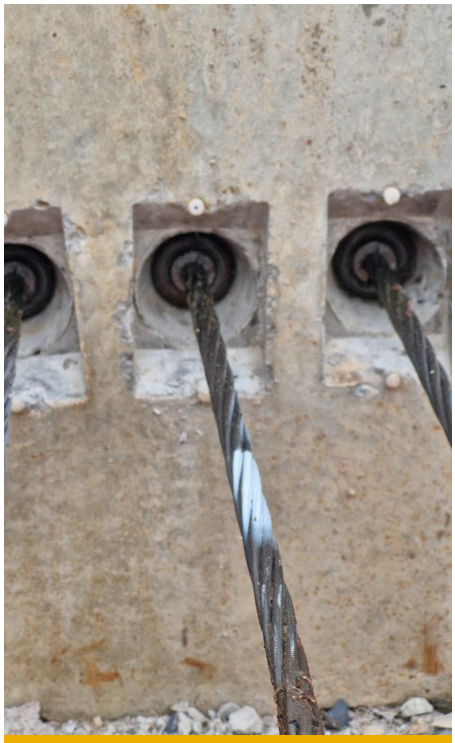
After approved cutting, apply the specified protective material and close the pocket.

Confirm CAP compatibility, the protective material and pocket closure in the project procedure.

PocketLixa: cutting and preparation for sealing

Developed by Termite with Prosales Protensão, PocketLixa supports installation on the formwork and finishing after concrete placement.

INSTALLED ON THE FORM



POCKETS AFTER STRIPPING

ANGLE-GRINDER CUT

01

Position

The integrated jig helps position the anchorage.

02

Cut

After elongation records are approved, it allows angle-grinder cutting under the approved procedure.

03

Prepare for sealing

Leaves the pocket ready for the sealing step.

2-in-1: angle-grinder cutting and preparation for sealing. The system may avoid torch cutting at this step when the project procedure approves the method. Anchorage protection and pocket closure follow.

Confirm anchorage compatibility and the project procedure for cutting, protection and pocket closure.

Proper concrete cover should not depend on improvisation

Selection starts with the intended use and concrete cover specified in the design.

Centopeia multiapoio

Support for heavy reinforcement in beams and slabs. Elongated profile with multiple contact points.

CONCRETE COVER

20 / 25 / 30 mm

Length: 235 mm. Width: 36 mm.

Chair spacer

For light slab reinforcement. Two cover values per model, depending on the support side.

CONCRETE COVER

15 / 20 / 25 / 30 / 35 / 40 / 50 mm

Bars up to 25 mm; confirm the available combinations for each model.

Circular spacer

For vertical reinforcement in beams, columns, walls and precast elements. Snap-on installation.

CONCRETE COVER

20 / 25 / 30 / 35 mm

For bar diameters from 4.2 to 10 mm.

Roller spacer

For foundations, piles, drilled shafts and walls. Side opening for later fitting.

CONCRETE COVER

40 / 50 mm

Side lock and profile designed to aid sliding.

Confirm each chair spacer's cover pairings and other dimensions by model.

Solutions for other installation stages

Choose each accessory for the structure, formwork and work stage.

Wall spacer

A circular spacer that positions the reinforcement mesh along the centerline of the concrete panel.

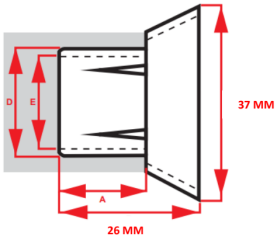
Drawing dimensions: 98 and 51 mm.

Formwork cone ¾ in

Used with plastic tubing in horizontal formwork ties.

Nominal size: ¾ in; dimensions: 26 and 37 mm.

Confirm compatibility with the tube and tie rod.

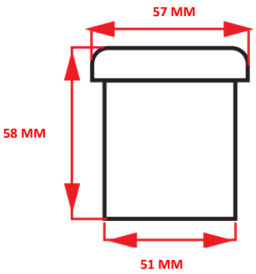


Rebar safety cap

Covers exposed rebar ends during assembly.

For rebar diameters from 4.2 to 25.4 mm.

Drawing dimensions: 57 / 58 / 51 mm.

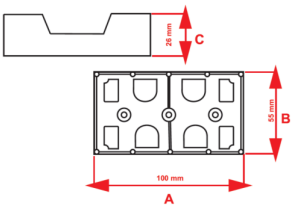


Positioning guide

Fastened to the raft foundation with a fastening gun to center the wall formwork.

Dimensions A/B/C: 100 / 55 / 26 mm.

Confirm compatibility with the formwork system.



Dimensions follow the product drawings. Confirm compatibility, tolerances and installation requirements with the technical sales team.

PavDucto: planning service penetrations

Installed before concrete placement, PavDucto holds a PVC pipe that defines a vertical service penetration in slabs and shafts.

BEFORE CONCRETE PLACEMENT

AFTER CONCRETE PLACEMENT

PUBLISHED SIZES

150 and 200 mm

Confirm which dimension these values refer to.

ASSEMBLY

PavDucto at the base + PVC pipe
A second PavDucto as an optional cap

1 Set-out and fastening

Position as specified in the design and nail the component to the form through its guide holes.

2 PVC pipe installation

Fit the PVC pipe cut to the specified passage length.

3 Concrete placement

During concrete placement, the assembly defines the opening in the concrete.

4 Formwork removal

After formwork removal, inspect the opening and follow the procedure for removing the assembly.

Coordinate the opening with tendons, reinforcement and anchorage zones before concrete placement. Confirm the 150/200 mm dimensions, pipe and supply scope.

Clear specifications for an accurate quotation

Provide the product, intended use, dimensions and quantity. Include the design drawings or site details for technical and commercial assessment.

PRODUCT	DIMENSIONS / MODELS	PROVIDE / CONFIRM
Caderix	P 6-10 / M 11-16 / G 17-21 GG 22-26 / XG 27-30 cm	Effective height and quantity; confirm measurement reference.
Cabo Mestre	Identification of elevation, project, floor and tendon	Drawings and revision; confirm supply scope and checks.
Pocket Former	Stressing pocket and anchorage system	Edge detail, position and quantity; confirm compatibility.
CAP	Live anchorage system	Model, quantity, protective material and pocket closure.
PocketLixa	Anchorage system	Model, quantity and approved cutting and closure procedure.
Centopeia multiapoio	Concrete cover: 20 / 25 / 30 mm	Application, concrete cover and quantity.
Chair spacer	Concrete cover: 15 / 20 / 25 / 30 / 35 / 40 / 50 mm; bars up to 25 mm	Cover and quantity; confirm pairs by model.
Circular spacer	Concrete cover: 20 / 25 / 30 / 35 mm Bar diameter: 4.2 to 10 mm	Cover, bar diameter and quantity.
Roller spacer	Concrete cover: 40 / 50 mm	Cover and quantity; confirm compatibility.
Wall spacer	Drawing dimensions: 98 / 51 mm	Panel geometry, mesh and quantity.
Positioning guide	Dimensions A/B/C: 100 / 55 / 26 mm	Formwork and quantity; confirm raft-foundation use.
Formwork cone	Nominal: ¾ in Dimensions: 26 and 37 mm	Tube, tie rod and quantity; confirm compatibility.
Rebar safety cap	Bar diameter: 4.2 to 25.4 mm Dimensions: 57 / 58 / 51 mm	Rebar diameter and quantity.
PavDucto Vertical	Sizes: 150 and 200 mm	Quantity by size/use; confirm pipe and optional cap.

Packaging, order codes, minimum quantity, availability and lead time: confirm in the quotation.

The effective Caderix height must follow the design specification. P/M/G/GG/XG are commercial size ranges. Refer to the product pages for applications and qualifications.

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Have a project or a challenge on site?

Contact our technical sales team.
We can assess your application and recommend the right Termite solution.

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For a faster response, send the application, dimensions, quantities, project location and available drawings or details.