



PRECAST COLUMN SYSTEM



About:

Founded in 1994 in the Western Cape, Cobute (Concrete Building Technology) brings extensive experience in the manufacturing of precast elements for the building industry in Italy.

Cobute started with the production of an **innovative precast reinforced concrete decking system**, the lightest precast system available on the market, which does not require the use of a crane to be installed.

New products were developed with the assistance of a Civil Engineer in 1996, to offer the easiest method of installation on site; a patent was registered, under the name Shuttercrete, for **permanent precast concrete shutters for columns, beams and staircases.**

Currently, Cobute produces and offers over 30 different products that serve markets not only in the Western Cape but throughout South Africa and the SADC community. In 2016, TeSik Decking started manufacturing the Cobute system in Swakopmund, bringing this innovative technology to Namibia.

“The systems are all simple to erect without needing cranes or hoists”

— Pr.Eng.Ugo Rivera



Cobute supplies permanent precast concrete shuttering for square columns in a standard height of 3 m, with two width options, 230 and 280 mm.

In case the column on site is higher than this, subsequent to the first pour it is possible to superimpose a second shutter onto the column, to complete the higher cast (much like a conventional casting sequence of an in-situ column with a construction joint at 3m height).

INSTALLATION

It simply requires the placing of the column over the starter bars and sliding the steel cage from top down.

Besides being **more economical** than conventional cast-in-situ ones, Cobute columns can be installed and ready for casting in **30 minutes by 4 construction workers**.

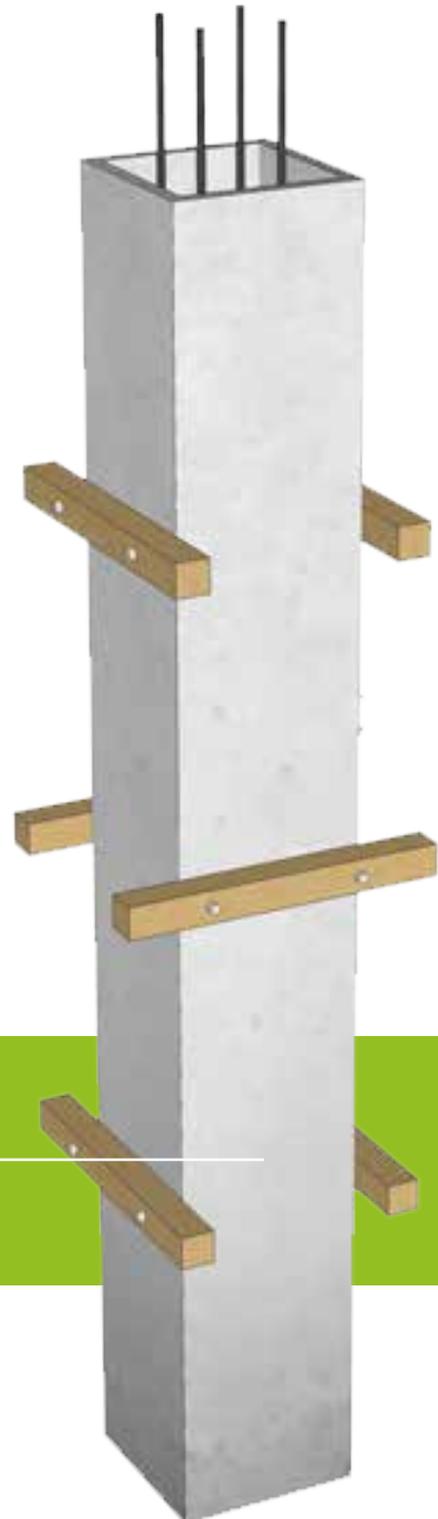
No stripping is required; however, bracing is recommended. The outside face has an **excellent finish**, making the plastering process much easier.

The Cobute precast column is complemented by the precast beams to cast the project in just one pour (with great concrete savings).

Why Cobute columns?

- Unique patented system
- More cost effective than conventional cast in-situ
- Easy to manoeuvre and quick to erect
- Minimal propping and quick stripping
- Installed in approx. 30 minutes by 4 construction workers

Precast column shutter
230 x 230
280 x280



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