

## INSTALLATION INSTRUCTIONS

### Rough-hewn Pillar and Block / Smooth Pillar and Block. Installing a door in a pillar.

#### Preparation before installing:

- Make a diagram with measurements of where the Pillars and Blocks are to be installed.
- Mount a Pillar every 5 m at the most. It is also important to know that the Pillars that support doors or other elements must be 40 x 40 cm.

#### Material to be used:

Smooth pillar: PIL-22, PIL-30, PIL-40.

Smooth block: BLO-20.

Rough-hewn Pillar: PB-30, PB-40.

Rough-hewn block: BB-40.

Rough-hewn Wall coping: CLAL-270, CLLO-270

CP or CK Pillar Cap

Capitals: CAP-220, CAP-230, CAP-300

Letter box: PBC-40.

8 and 10-12 mm corrugated metal bars.

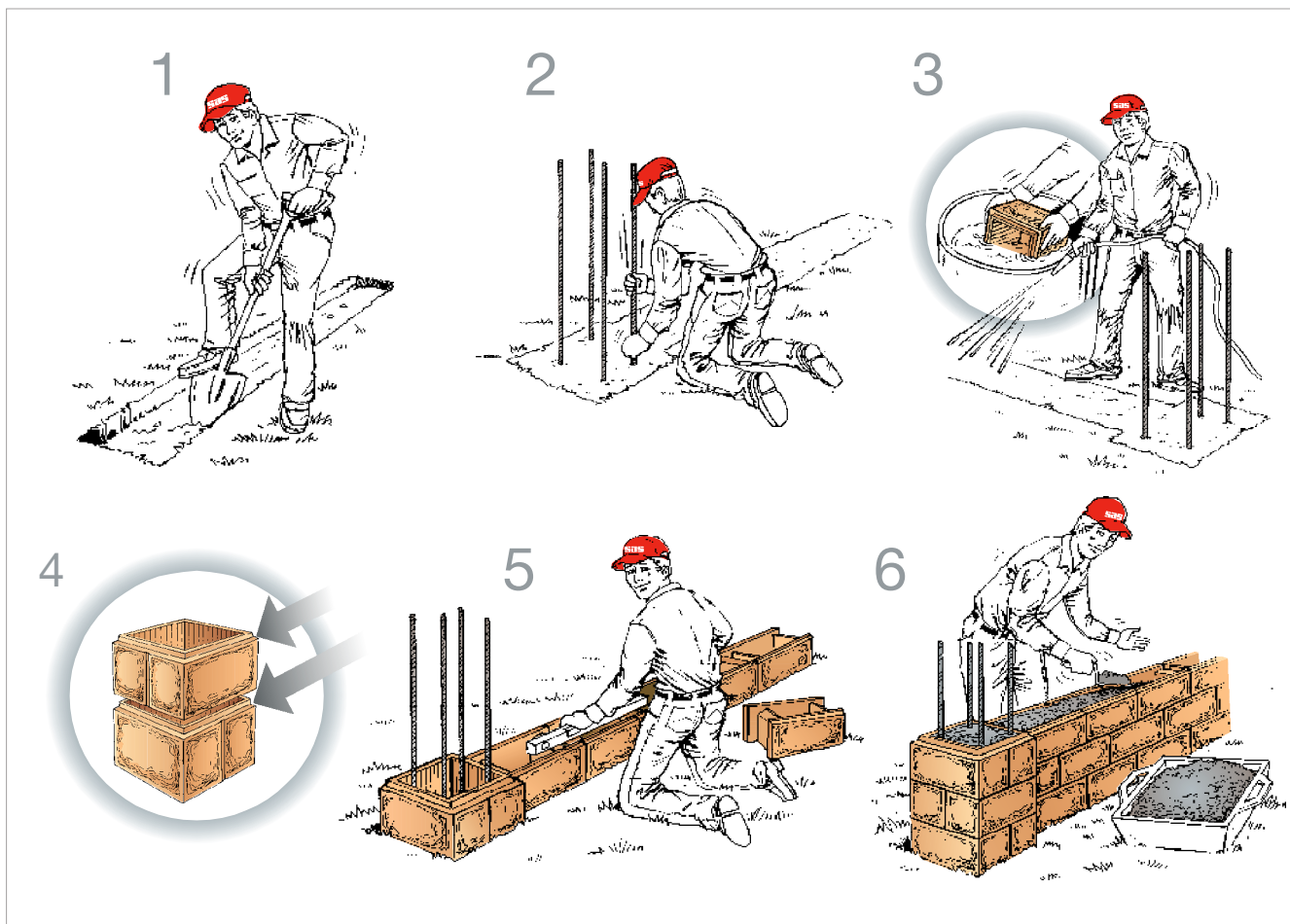
#### Recommended products:

Type B grey mortar to fill the ditches.

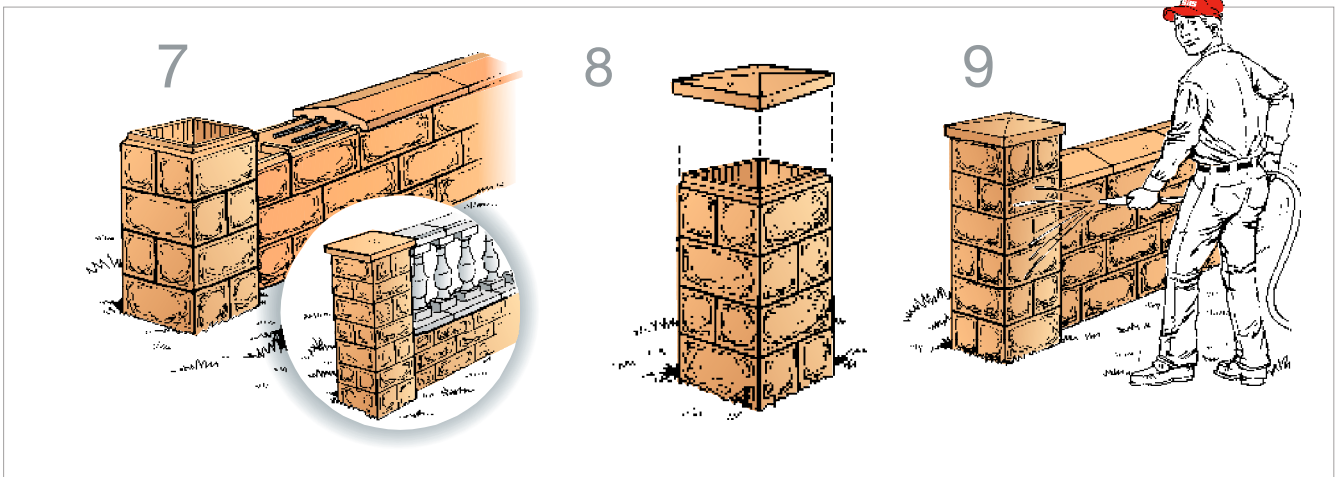
Type A grey mortar for filling Pillars and Blocks.

#### Installation:

1. Dig a 40 cm-deep ditch for the Pillar and 25 cm for the Block. The ditch should be about 10 cm wider than the Pillar and the Block. The foundation depth should be greater in very cold areas.
2. Fill the ditch with type B grey mortar making sure it is flush. Anchor the 10-12 diameter rods of the Pillars to the foundations. Wait for 36 hours before proceeding.
3. Water the foundations before mounting. The pieces will be installed wet, and should be soaked in water for 2 hours, and taken out 10 minutes before installation.
4. Both the Pillar and Block pieces should be installed with the "male" at the top.
5. Fit the first part of the Pillar well levelled, as well as the first course of blocks. Erect the Pillars and Blocks at the same time, filling with mortar every three courses. Use only type A grey mortar.



## INSTALLATION INSTRUCTIONS



6. The filling mortar should not be too liquid to avoid it leaking through the joints.

7. On reaching the required height of blocks, run an 8-mm diameter rod through the last course of Blocks and embed it into the Pillars, then finish off the Blocks with the Wall coping AL-250 (two slopes) or LO-250 (flat), the latter being ideal for building a fence of Balusters, Screenwalling, or with wood, iron, etc... above the parapet

8. To finish off the Pillars use the CP (diamond point) or CK (flat) Pillar Caps.

9. Wet the work for two days.

10. If you need to make a hole in the Pillar for a door, etc., you must do so two days after filling the pillar with the mortar. Do not use the percussion effect on electric drills.

### Precautions to be taken into account:

- Do not install on freezing or very hot days. Protect foundations from freezing.
- Use 10/12-mm-diameter corrugated rods to reinforce the Pillars.
- In normal closures we recommend a Pillar height of 15 pieces (2.5 m high) and blocks of 9 courses (1.5 m high) if we place an ornamental element at the top (Balusters, Screenwalling, etc.), otherwise this height should be greater.
- Before filling the Pillars or Blocks with mortar check the installation of the pieces and use the opportunity to install any services you require (electricity wires, irrigation pipes...)
- The PBC-40 letter box should be embedded in two PB-40 rough-hewn Pillar elements.

### Installing a door in a pillar:

Once the fence has been finished, and when the whole ensemble is dry (wait at least four days), you can fit the door. Do not use the percussion effect on electric drills to make a hole in the Pillar. The Pillar supporting the door must be 40 x 40 cm (PIL-40 or PB-40 model) and must be reinforced.

We recommend supporting the door on a bar anchored to the floor and joined to the pillar at the top, so that the weight of the door (which may be substantial) will be distributed and will not just affect the Pillar.

If it is a single-leaf door install the plate or the closure of the lock in the other Pillar.

If opening of the doors is mechanised, it must be avoided that the motor hooks onto the PILLAR. If it is necessary, the number of bars and the diameter of the armature will need to be increased.

