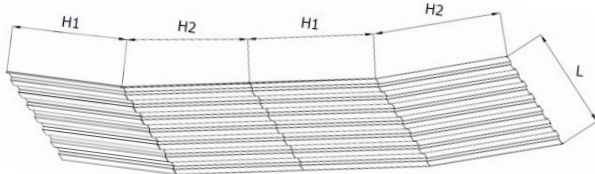
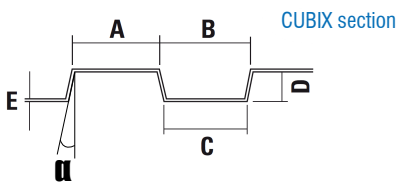
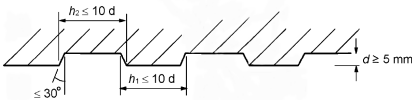


Code	Description
CUBIX	Non-recoverable formwork for the assembly of prefabricated concrete structures.



Code	Description
CUBIX-D	Non-recoverable disassembled formwork for the assembly of prefabricated concrete

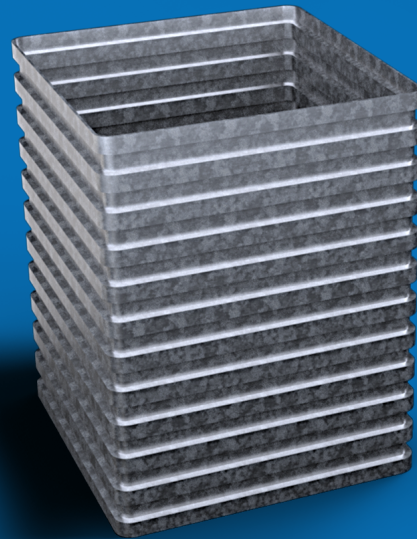
Technical characteristics according to E.C.2 UNE-EN 1992-1-1: 2010



LEVEL	CUBIX	EC-2
A	32,8 mm	-
B	34,1 mm	$\leq 10 * d = 120$ mm
C	31,1 mm	-
D	12,0 mm	$\geq 5$ mm
E	1,0 mm	-
$\alpha$	$7,13^\circ$	$\leq 30^\circ$

Cubix is a system of non-recoverable formwork for embedding prefabricated concrete structures. The geometry of the CUBIX allows to obtain a monolithic connection between the column and the foundation.

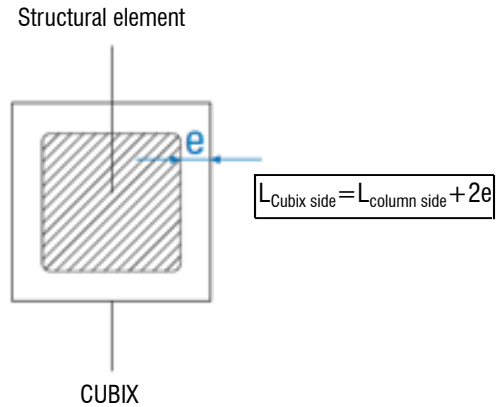
# CUBIX



- 1 Selection of the CUBIX section based on:  
 1.1. Dimensions of the column.  
 1.2.

	GROUT	HA-25 or higher
Clearance (e)*	5cm	7,5 cm

\*Standard concrete (HA-25 or higher) needs a clearance of 7.5 cm in order to insert a vibrator.



- 2 Select the "L" edge of the CUBIX according to EHE-08 and / or EC-2.  
**To be able to consider that a framework works with keys, it is essential to verify that the tension of adherence to work grade does not exceed that of the regulations:**

- Article 47.2.1 of the EHE-08
- Article 6.2.5 of EC-2 EN 1992-1-1: 2010

The factors to consider when sizing the CUBIX side based on its behavior are:

2.1. FRAMEWORK WITH TEETH:

2.1.1. Overlap length according to articles 69.5.2.2 of EHE-08 and 8.7.3 of EC-2 UNE-EN 1992-1-1: 2010.

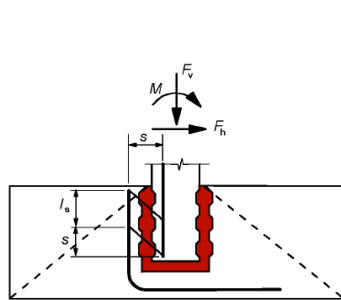
2.2. SMOOTH FRAMEWORK (\*):

2.2.1. Column width "h". According to article 59.1.4.3 of EHE-08 and article 10.9.6.3 EC-2 UNE-EN 1992-1-1: 2010 the embedment of the column must be greater than or equal to 1.2 times the longest side

of the

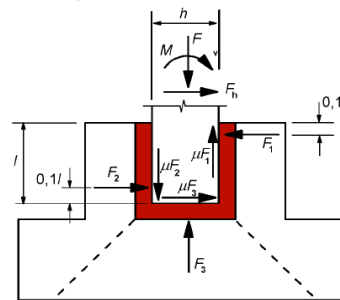
column section. Recommended 1.5 times the side of the column.

(\*) According to article 59.1.4.3 of EHE-08, the friction coefficient "μ" shall not be greater than 0.3



FRAMEWORK WITH TEETH

$$L_{CUBIX} = L_{overlap} + S_{reinforced\ concrete\ separation} + clearance$$



SMOOTH FRAMEWORK

$$L_{CUBIX} \geq 1,2 * h$$

$$L_{CUBIX} \geq 1,5 * h$$

Recommendable

- 3 CUBIX operation on site.



1. Placement of the CUBIX into the reinforcement.



2. Pour the concrete until the top of the CUBIX.



3. Place the column in the foundation and fill in the clearance of the filling material.