

PLASTIC CUBE, CYLINDER AND BEAM MOULDS **MADE IN MATEST**

Moulds nominal dimensions meet the requirements of
 STANDARDS: EN 12390-1 | BS 1881:108 | ASTM C192, C39 | AASHTO T23, T126 | NF P18-400

These one-piece moulds, very appreciated by the user, are made from hard plastic, strong, light, undeformable; resistant to vibrations shocks and wear. They do not require mounting and dismantling operations, thus saving time and labour. They just require a simple clean and demould oiling before being ready for use again for many times. The specimen is expelled from the mould by compressed air or water.

The moulds: C223, C224, C230L, C230N, C232N, C228, C229 are produced by Matest and have competitive manufacturer prices.

CUBE MOULDS 150 MM SIDE

The cube moulds 150 mm side can be supplied in three different models, each one with different characteristics and weight.

All the models have a reinforced band on the walls, and the inside surfaces are very smoothed getting easier the specimen's ejection.

Models C223 and C224, Matest made, have also **reinforced corners**, granting an additional resistance, and foresee a **X reinforced band on the base**, improving the strenght of the mould, and allowing the user to give small blows with a rubber heated hammer (mod. V195) by easing the specimen's ejection. All the moulds are supplied with engraved the logo Matest.

MODELS

C223 MADE IN MATEST

CUBE MOULD, 150 mm side, with X reinforced band on the base, and reinforced corners.

Weight: 1300 g approx.

C223R

CUBE MOULD, 150 mm side, reinforced. **Weight** 1200 g ca.

C223M NEW

CUBE MOULD, 150 mm, plastic, TWO GANGS, reinforced.



C223M

C223R

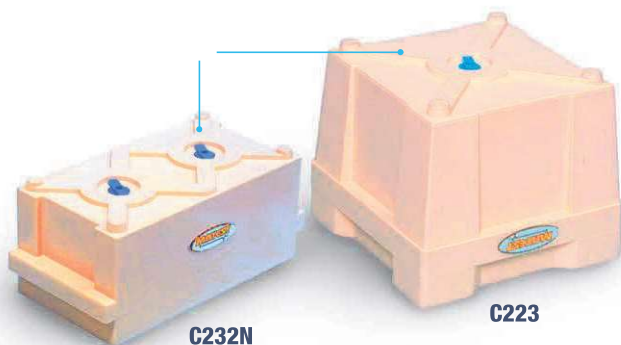
C224 MADE IN MATEST

CUBE MOULD, 150 mm side, **HIGH DENSITY**, with X reinforced band on the base and reinforced corners. The mould same to mod. C223 is manufactured from **high density mixture** with total weight 1600 g, by obtaining a higher hardness and strength of the plastic material.

- It increases the abrasion resistance, by reducing the wear action.
- It improves the pressure resistance during the specimen's ejection, by reducing mould breakages.
- It ensures a larger number of utilisations (with the same use care).

Weight: 1600 g approx.

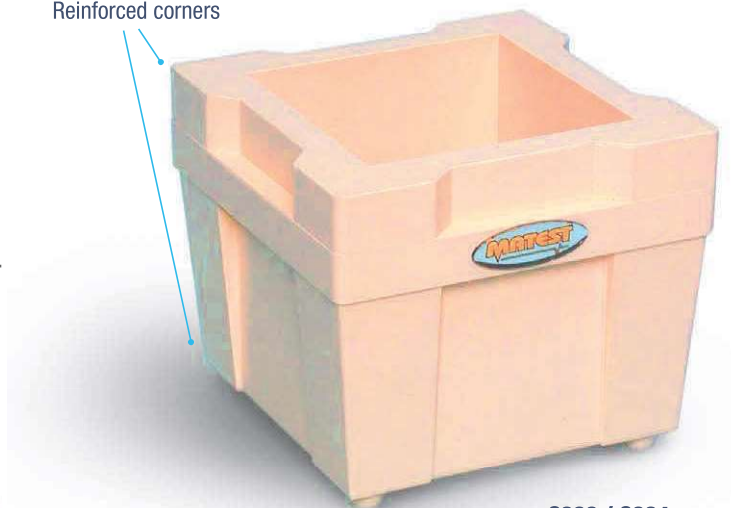
Detail of the X reinforced band on the base of
 C223, C224, C232N C235, C237, C238 models



C232N

C223

Reinforced corners



C223 / C224



C230N

C230N MADE IN MATEST

CUBE MOULD, standard, reinforced band, 150 mm side.

Weight: 1250 g approx

C232N MADE IN MATEST

CUBE MOULD, 100 mm side, TWO GANGS, with X reinforced band on the base. The inside surfaces are very smoothed getting easier the specimen's ejection. **Weight:** 1050 g approx.

C232

CUBE MOULD, 100 mm side, TWO GANGS, with reinforced corners and band on the walls. **Weight:** 1200 g approx.

C232M

CUBE MOULD, 100 mm, plastic, ONE GANG, reinforced.

C235

CUBE MOULD, 200 mm side, with X reinforced band on the base and upper double reinforced walls and corners.

Weight: 2550 g approx.

**C235****C237**

BEAM MOULD, 100x100x500 mm sides, with X reinforced bands on the base and upper double reinforced walls and corners.

Weight: 2100 g approx.

C237-01 ➤ NEW

PLASTIC BEAM MOULD, same as C237 but dimensions 100x100x40 mm

C238

BEAM MOULD, 150x150x600 mm sides, with X reinforced bands on the base and upper double reinforced walls and corners.

Weight: 4400 g approx.

C228 MADE IN MATEST

CYLINDER MOULD, Ø 150x300 mm with upper and lower reinforced bands. **Weight:** 2150 g approx.

C228-01

CYLINDER MOULD, Ø 100x200 mm with reinforced bands.

Weight: 920 g approx.

C229 MADE IN MATEST

CYLINDER MOULD, Ø 160x320 mm with upper and lower reinforced bands. **Weight:** 2200 g approx.

**C228-01****C228****C229****C230L MADE IN MATEST**

CUBE MOULD, 150 mm side, standard, lightweight, entry level price.

Weight: 850...950 g approx

**C230L****C232****C232N****C232M****C238****C237****C237-01****C231N1****POLYSTYRENE CUBE MOULD 150 MM, ONE GANG**

This cube mould, polystyrene made, is utilized for only one test, because it must be broken when the specimen is demoulded. It gives different advantages:

- it is provided of a top cover keeping inside heat and humidity constant and acting as a curing room
- it protects the specimen as a packing during transport of the same
- it is extremely light
- any trouble concerning the cleaning, demoulding and maintenance of the mould are eliminated.

Pack of 45 pieces.

**C231N1**

 **Note:** Accessories for plastic moulds: see next page

ACCESSORIES

C223-01 COVER, plastic, for C223, C224, C230N, C230L moulds. Useful for transportations. Pack of 10 pcs.

C234-03 STOPPER, plastic, to plug the hole of the moulds C223, C224, C228, C230N, C230L, C229. Pack of 10 pcs.

C232-01 STOPPER, plastic, to plug the hole of the mould C232N. Pack of 10 pcs.

C235-01 STOPPER, plastic, to plug the hole of the moulds C228-01, C232, C235, C237, C238. Pack of 10 pcs.

C230-01 FILLING HOPPER, stainless steel made, for an easier filling of fresh concrete into the moulds: C223, C224, C230, C230N. Supplied complete of clamping elastics.

C230-03 GRASPING PLIERS for C230 and C230N moulds, to get easier the carriage.

C230-05 GUN, to connect to a water or air pressure, to eject the specimen from the mould.

C222-10 COVER, plastic, for C223R.



C223-05
 IDENTIFICATION LABEL
 Pack of 250 labels


VERIFICATION OF FLATNESS, PERPENDICULARITY, STRAIGHTNESS AND DIMENSIONS OF MOULDS AND SPECIMENS

STANDARD: EN 12390-1

The appendix of EN 12390-1 Standard calls for a set of instruments to be used for dimensional and tolerance verification of the mould and the specimens got from the same.

V175-03
 VERNIER CALIPER, digital, 153x0.01 mm, for dimensional measurements.

V175-03CER
 VERNIER CALIPER, digital, 153x0.01 mm, for dimensional measurements, complete with Calibration Certificate issued by an Accredited Laboratory (SIT).

in alternative:

V175-02
 VERNIER CALIPER, digital, 200x0.01 mm, for dimensional measurements.

V175-02CER
 VERNIER CALIPER, digital, 200x0.01 mm, for dimensional measurements, complete with Calibration Certificate issued by an Accredited Laboratory (SIT).

C250-10
 RULE RIGHT ANGLE (square), steel made, 150x100 mm, rectangular section.

C250-12
 FEELER GAUGE, comprising a set of strips from 0.03 to 1.00 mm, with blade 100 mm long.

C250-14
 RULE (straightedge), 300 mm long.

C250-16
 GO-NOT GO GAUGE, for 100 mm cube moulds.

C250-16CER
 GO-NOT GO GAUGE, for 100 mm cube moulds, complete with Calibration Certificate issued by an Accredited Laboratory (SIT).

C250-17
 GO-NOT GO GAUGE, for 150 mm cube moulds.

C250-17CER
 GO-NOT GO GAUGE, for 150 mm cube moulds, complete with Calibration Certificate issued by an Accredited Laboratory (SIT).

