

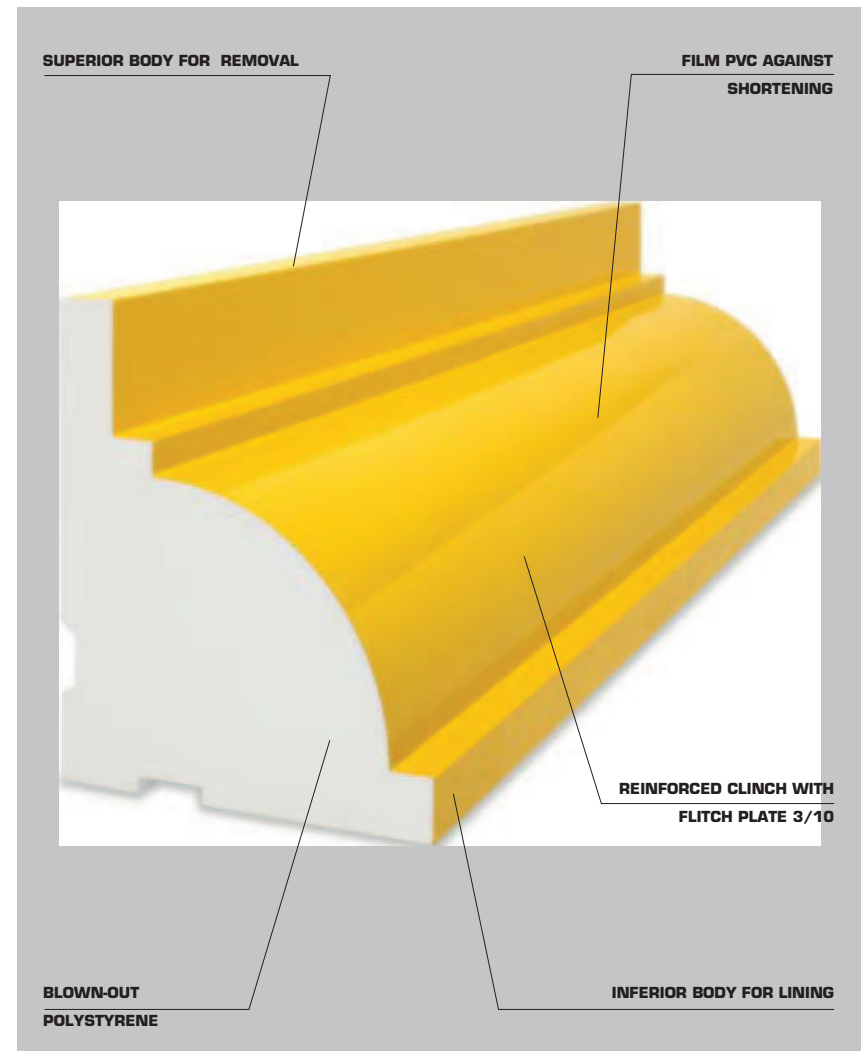
MOLDS FOR TOPFORM CORNICES

Today polytyrene molds for cornices are mostly used.

Some crucial qualities of the molds include a good surface quality of the cement, a minimal concrete cover that suits the environment, a smaller quantity of joints, glued angles. Moreover, our topform polystyrene molds are cut and lined to the needed sizes in order to satisfy the requests of the builders and provide personalized carpentry solutions. A simplified laying, a higher resistance, and a quicker and simpler scaffold removal help reduce the costs of labour and save money without compromising the quality which has always distinguished our product.



topform mold



Topform molds are made of blown-out polystyrene of high density and are lined by PVC film from the outside. Some reinforcing elements of the surface are inserted to strengthen the mold and guarantee a better aesthetic look and a longer life of the product. From the very first contact with the client we evaluate the cornice to make and so we study the right mold to

be provided. We take into consideration the face wall, recycling, the laying intensity and the removal. Any of these factors can determine the choice of materials. To face these problems means to guarantee a possibility to save money on scraping, labour, purchase of materials and unforeseen expenses.

RESISTANCE TO PERFORATION OF REVETMENT AND REINFORCEMENT



TRIANGLE PLASTIC FRAME

It is used to reinforce the mold rib which is first to come in contact with the reinforcement metal balk.



DRIPSTONE FRAME

It is always recommended and used because this part of the mold always comes in contact with reinforcement metal balks.



FLITCH PLATE

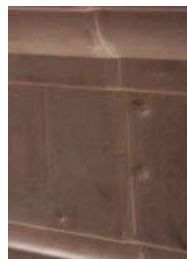
It is used to protect larger surfaces. In the angles over 300 mm flitch plates of 3/10 are used. On the plain surfaces of big dimensions a flitch plate with the minimum density of 5/10 is recommended if the use of a spacing washer is allowed.



RESISTANCE TO REVETMENT DEFORMATION

TYPE OF REVETMENT	DENSITY EPS KG/MC	RESISTANCE KGF/CM²	RESISTANCE INCREASE
Film PVC	20	6	1,0
Circular dripstone	20	20	3,3
Flitch plate 3/10	20	34	5,6
Plastic rib	20	34	5,6
Flitch plate 5/10	20	44	7,3
Flitch plate 3/10	30	50	8,3
Flitch plate 5/10	30	70	11,6

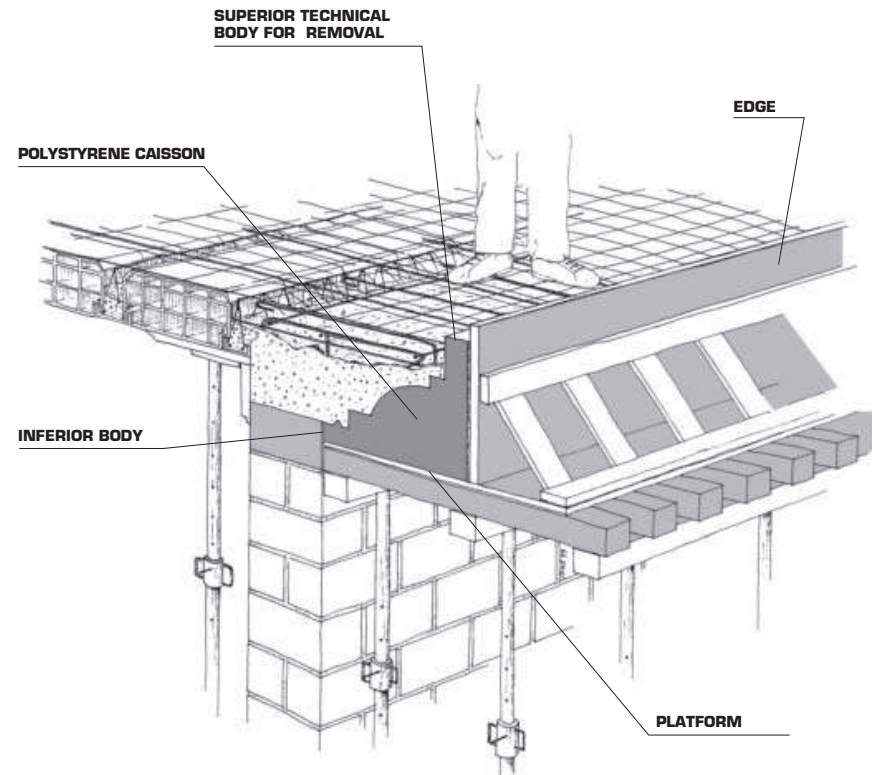
*The data of resistance indicate pressure in kg. force by cm necessary to deform a surface of 3 mm



YOU THINK THAT REINFORCES ARE OF NO USE?

During concreting the workers have to trample the metal box. Under their weight the metal parts bend and come in contact with the mold thus leaving their signs. The surface of the polystyrene lined with a film PVC of 12/100 has a low penetration resistance. Under a force of 6 kg by cm² a metal scaffold part leaves a sign 3 mm thick. Even if the density of polystyrene is

increased up to 40 kg/mc, the resistance still remains low or insufficient to avoid the damage. Therefore, Arbloc has studied to reinforce the surface by using the materials which help distribute the concentrated force onto a larger surface. Flitch plates of different thickness or compact plastic frames that are placed in the joints under risk increase the resistance by 6-8 times.



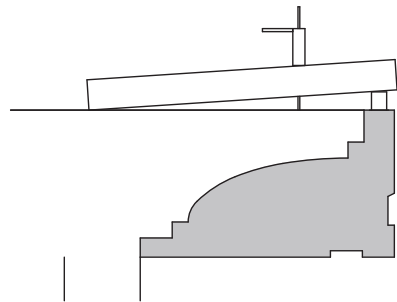
NOVELTY: THERMIC BRIDGE ELIMINATION



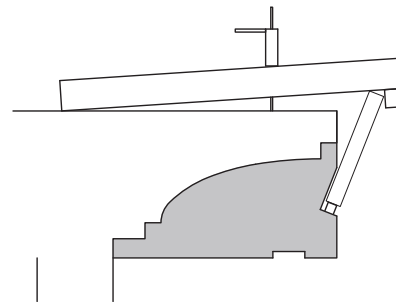
TOPFORM MOLD WITH AN INSERTED ISOLATING PANEL TO ELIMINATE THE THERMIC BRIDGE

TOPFORM MOLD OF LARGE DIMENSIONS

When a cornice exceeds certain dimensions the removal of reinforcements requires higher pressure which sometimes can be over 200 kg. In the formworks of polystyrene the applied pressure to remove the reinforcement should be constant and prolonged because only in this way it is possible to avoid the effect of vacuum. Arbloc advises their clients to use the system illustrated at this page when the cornice to make sets forward over 60 cm or causes difficulty in figured carving like trusses.



1. Immerse a metal bar into the concrete up till half of each element making it stuck out of it by at least 60 cm.
2. Place a wooden balk at least 2 m long over the superior body of the mold in order to exercise pressure to the entire body of the mold.
3. Place the second balk crosswise in the way for the metal bar to cross it.



4. Apply a strainer to the metal bar and exercise gradual and constant pressure downwards. In more difficult situations wait a while to allow the air to penetrate and eliminate the vacuum.
5. In case of big molds it is recommended to use a wooden balk at least 20 cm thick.
6. In elements with angles exercise pressure only to one side.

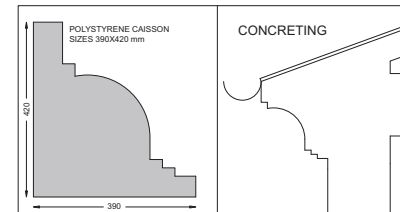
ADVANTAGES OF THE SYSTEM

- SAVES THE COSTS OF LABOUR.
- SECURITY OF WORK.
- FORMWORK INTEGRITY.

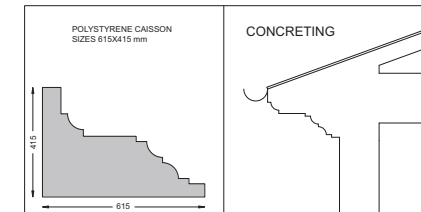
WHEN USE THE SYSTEM

- WHEN FORMWORKS SET OFF FORWARD OR UPWARD OVER 60 CM.
- FOR MOLDS WITH TRUSSES AND MIRRORS.
- FOR MOLDS WITH DISTINGUISHING DETAILS.

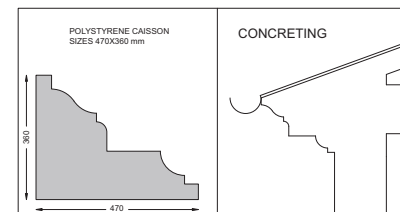
TOPFORM STANDARD SOLUTIONS



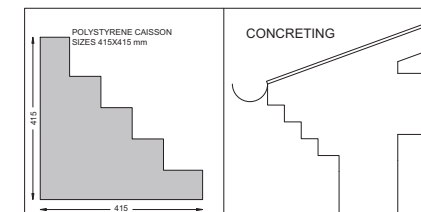
MC - S1000 mold sizes 390x 420



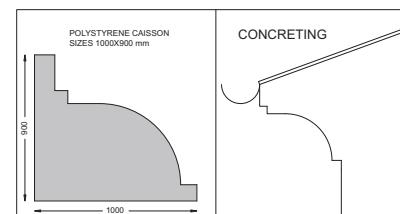
MC - S1001 mold sizes 615x415



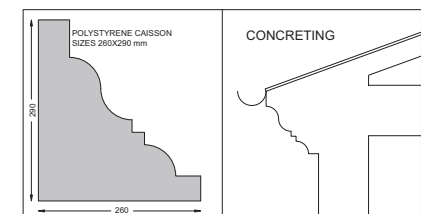
MC - S1002 mold sizes 470x360



MC - S1004 mold sizes 415x415



MC - S1005 mold sizes 1000x900

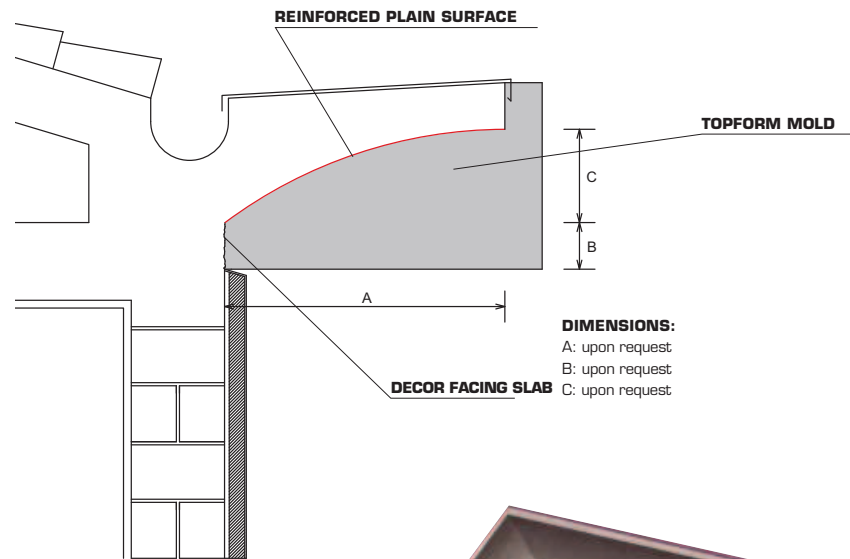


MC - S1007 mold sizes 260x290

Topform TX mold

The Topform TX mold has been studied for cornices of modern styles. The novelty lies in the elaborated vertical line that creates the effect of dark and light and shadows to emphasise the difference between the wall and the roof as well as a lightly curved prominence with plain and polished looks. The Topform TX mold is done at a project without limitations in dimensions and form to satisfy aesthetic needs of the building and the fantasy of the project designer. The Topform TX mold has a facing slab made of filled polystyrene Décor that gives the cement a relief profile in the vertical part of the cornice. Various types of texture are available (see the catalogue under section "decorated cement").

ARBLOC OFFERS NEW TOPFORM TX MOLDS FOR CORNICES WITH INSERTION OF A DECOR MOLD WITH AN IMAGE EFFECT.

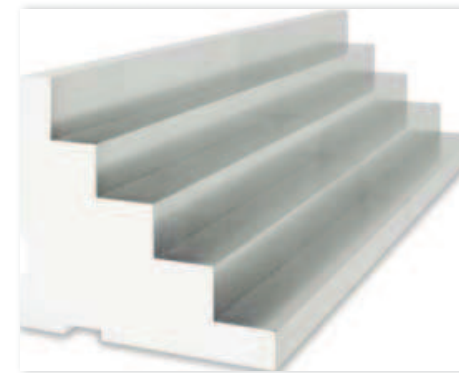


RESISTANCE TO REVETMENT DEFORMATION

TYPE OF REVETMENT	DENSITY EPS LG/MC	RESISTANCE KGf/CM ²	FACTOR OF RESISTANCE INCREASE
Film pvc	20	6	1
Fitch plate 3/10	15	25	4,1
Fitch plate 5/10	15	30	5

*The data of resistance indicate pressure in kg. force by cm necessary to derorm a surface of 3 mm.

Monoform mold



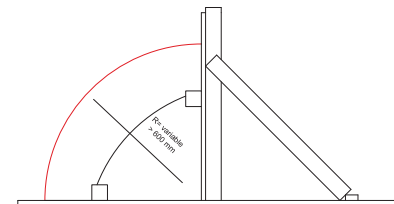
CARACTERISTICS:

- Disposable caisson.
- Density of polystyrene is 15 kg.
- Revetment fitch plate 3/10.
- Result of concreting of face look.

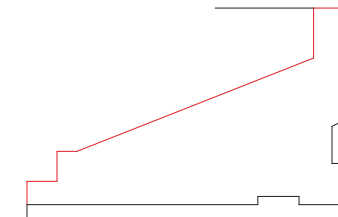
CONDITIONS FOR EXECUTION:

- Steps with dimensions over 30 mm.
- Angle over or uqual to 300 mm.
- No profiles in PVC or dripstones to insert.

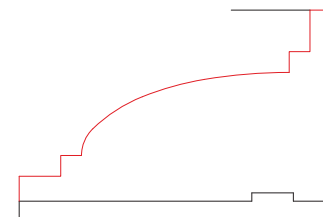
MONOFORM STANDARD SOLUTIONS



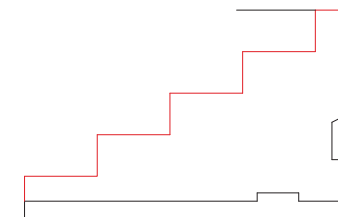
Cornices substituted with a curve: monoform mold with polystyrene able to resist a compression of 80 kn/m2 and lined with a fitch plate with thickness 3/10 or 5/10. Dimensions upon request.



Monoform mold can be made of any size. They can either contain or not a superior technical body.



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photo gallery



FORMWORKS FOR BALCONIES

Arbloc provides formworks to decorate balconies of houses. Made according to a project, these samples allow building or restructuring companies to make floor slabs and parapets curved and with any type of figured carving.

With the help of the photos in this section we want to show project designers and our clients the whole range of demands that we can meet.

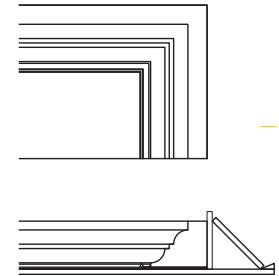


formworks for balconies

RECTANGULAR FOOT



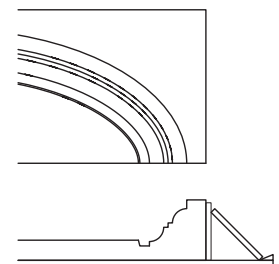
Formwork for balconies with a rectangular map and Westag panel, drip-stone with slant, topform mold with revetment in PVC.



CIRCULAR FOOT



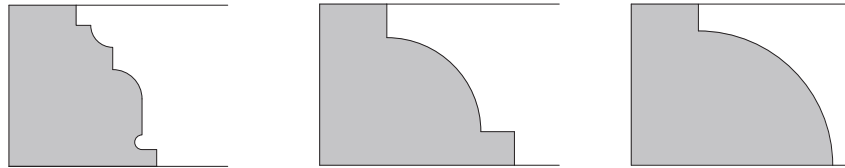
Formwork for balconies with a circular foot and revetment Syform.



The revetments used to line the blown-out polystyrene as wood, fitch plates, plastic films, and sprinkled resin are selected on the base of the quality of the face look. The solutions that we suggest vary from the molds to model the density of concreting

which is put on the bottom of the formwork to the preparation of the bottom itself in order to obtain the surface of a finished floor slab. For parapets we project formworks both for concreting in the blanking operations and in real construction.

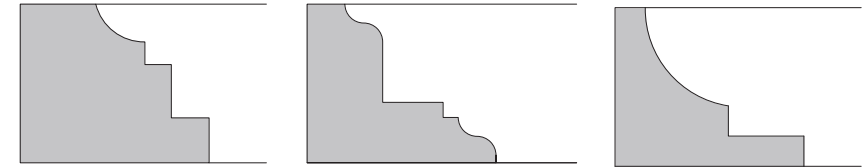
types and standard designs



type 1: H 210/240 mm

type 2: H 210/240 mm

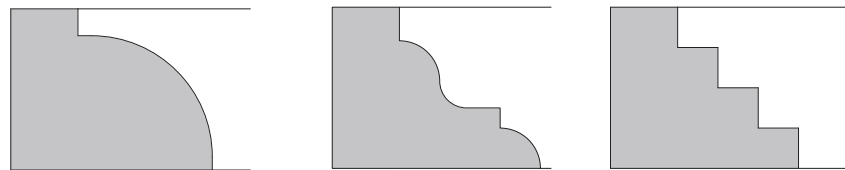
type 3: H 210/240 mm



type 13: H 210 mm

type 14: H 210 mm

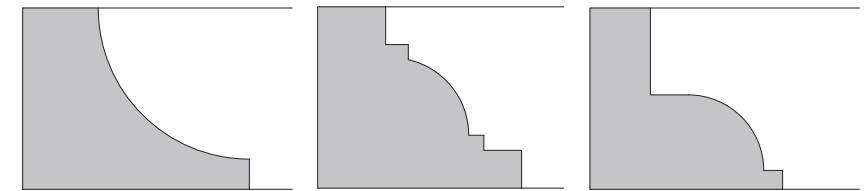
type 15: H 210 mm



type 4: H 210/240 mm

type 5: H 210/240 mm

type 6: H 210/240 mm



type 16: H 240 mm

type 17: H 240 mm

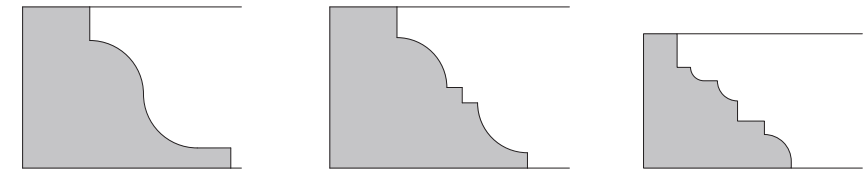
type 18: H 240 mm



type 7: H 150 mm

type 8: H 150 mm

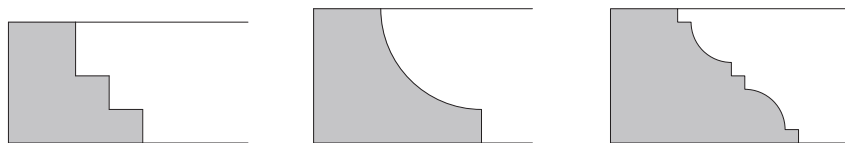
type 9: H 170 mm



type 19: H 210/240 mm

type 20: H 210/240 mm

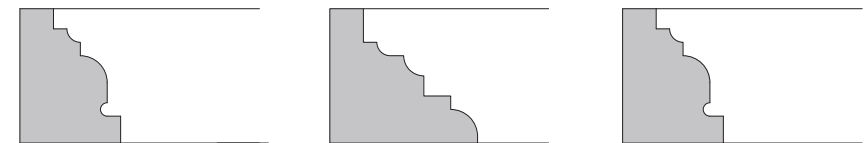
type 21: H 200 mm



type 10: H 180 mm

type 11: H 180 mm

type 12: H 200 mm



type 22: H 200 mm

type 23: H 200 mm

type 24: H 200 mm