

Cabrio Dome

MANUAL



Inhalt:

Assembly parts 1

Introduction 2

Install 2

step 1: Marks on swimming pool 2

step 2: Marks for hooks and fastener 3

step 3: Fixing "C" profile 4

step 4: Putting arches together 5

step 5: Pushing arches into a foil 5

step 6: Pulling rope 5

Manual

Pulling Cabrio Dome over swimming pool 6

Right tension of expander ropes 7

Right positioning of insert tubes 7

Collapsing Cabrio Dome 8

Safety rules 8

Introduction

Cabrio Dome is a collapsible swimming pool cover. With a simple pull at the rope, you can cover or uncover a swimming pool.

Arches

Two collapsible arches stretch the foil over a swimming pool. Each arch consist of four parts (20) that are connected with aluminium tubes (21), (22) and (23).

„C“ Profil (1)

Both „C“ profiles, each on its end, supports the domes arches over a swimming pool. They are installed just under a swimming pool edge.

Plastic block (2)

Plastic block (2) which hangs on aluminium „C“ profile (1) can be moved from one end to another. This feature is very important by closing/opening the cover.

Expander ropes (18), hook (13)

The foil that is stretched over the pool is connected with expander ropes to the hooks which mounted on the pool wall.

Pulling rope (18), aluminium tube (26)

A collapsible swimming pool cover is erected over a swimming pool by pulling the rope (18). To make pulling much easier the aluminium tube (26) is put between both arches before pulling.

Installation

Step 1: Marks on swimming pool (fig. 1.1 and 1.2)

size (m)	„L“ (cm)
Ø 3.0/3.2	236
Ø 3.5/3.6	275
Ø 4.0/4.2	327
Ø 4.5/4.6	353
Ø 5.0	392
Ø 6.0	471
3.0x4.9	330
3.6x6.23	414

Starting point >M<

Mark starting point „M“ in the middle of the pool steps on the swimming pool wall just under the swimming pool edge.

By the oval shaped swimming pools mark the starting point „M“ in the middle of the straight section of the swimming pool.

Marks for „C“ Profile

Mark marks „L“ for „C“ profile according to the table starting from starting point „M“ in both directions. (fig. 1.1).

By oval shaped swimming pools mark the marks „L“ in the middle of the curved section of swimming pool (fig. 1.2).

Put the „C“ profile on the mark „L“ just under the swimming pool edge. Marks „L“ on the „C“ profile and on the swimming pool must match.

A shorter part of „C“ profile, measured from mark „L“ must point to the starting point „M“ (fig. 1.1).

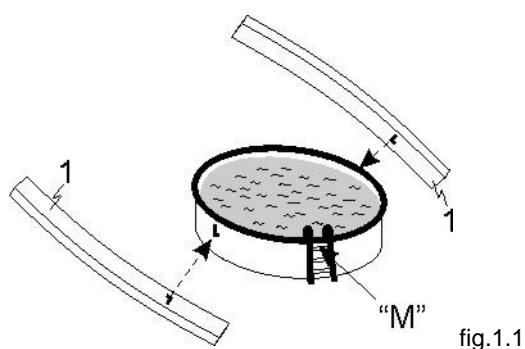


fig.1.1

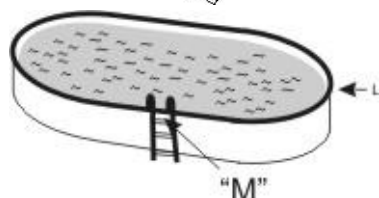


fig. 1.2

Step 2: Marks for hooks (13) and fastener (28) (fig. 2.1 to 2.5)

Size (m)	"S" (cm)
Ø 3.0/3.2	470
Ø 3.5/3.6	550
Ø 4.0/4.2	660
Ø 4.5/4.6	705
Ø 5.0	785
Ø 6.0	940
3.0x4.9	660
3.6x6.23	828

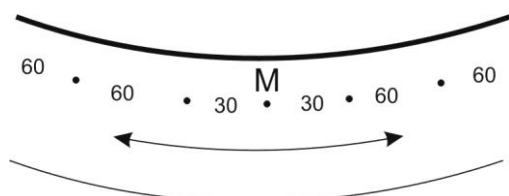


fig. 2.1

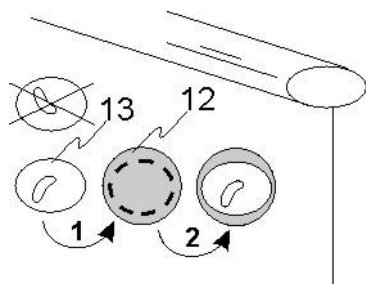


Abb. 2.2



Abb. 2.3

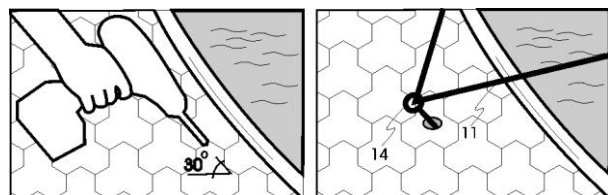


Abb. 2.5

Marks for hooks (13), fastener (28)

Mark marks for hooks starting from starting point "M" in a distance of 60 cm around the swimming pool 5-10 cm under the swimming pool edge in both directions. fig. 2.1.
Mark two additional marks in a distance of 30 cm from the starting point "M" in both directions.

According to the table mark also the mark for fastener (28/A) in a distance "S".

Above ground swimming pool

Before sticking hooks (13) or fastener (28) on the swimming pool wall make sure all marks are on place and swimming pool wall is clean and fat free.

- First stick all hooks (13) on the foil (12) and after on the marks on the swimming pool wall (fig. 2.2).
- Stick the fastener (28) also first on the foil (29) and than on the swimming pool wall 5 cm under the swimming pool edge. The orientation of the fastener is shown on fig. 2.3.

In ground swimming pools

Surface:

- Concrete or stone: fix fastener (28) with 8mm inserts to the ground.
- Wood: use screws for wood to fix fastener (28) to the ground

If there is still enough place on swimming pool wall, stick hooks (13) on the swimming pool wall.

If there is not enough place on swimming pool wall drill holes (Ø 6mm) into the ground at the angle of ca. 30-45 ° (fig. 2.5). Put the eye hook (14) on the expander rope.

Step 3: Fixing of „C“ Profile (fig. 3.1 to 3.4)

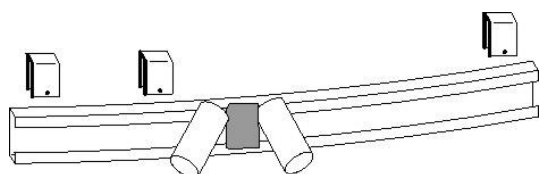


fig. 3.1

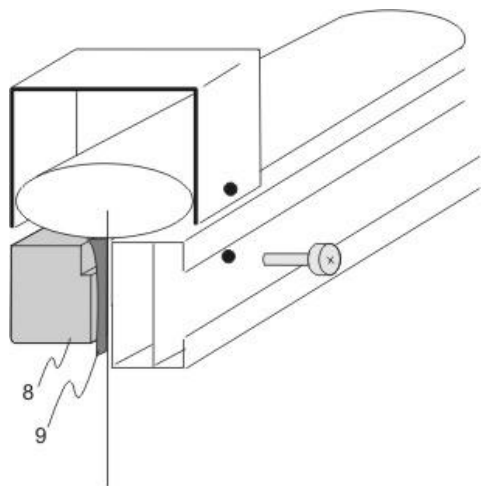


fig. 3.2

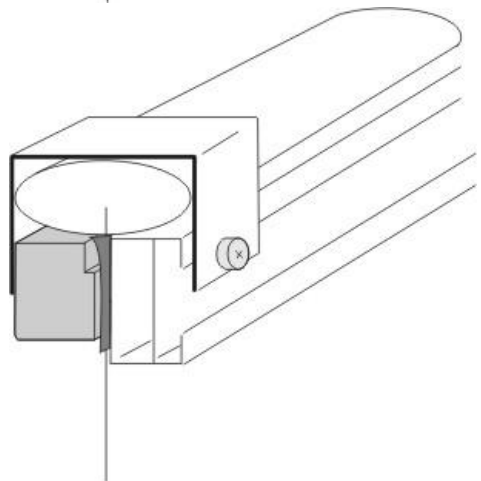


fig. 3.3

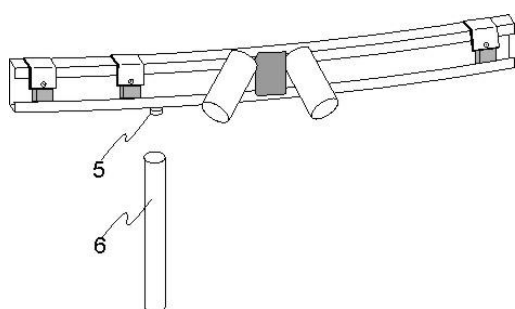


fig. 3.5

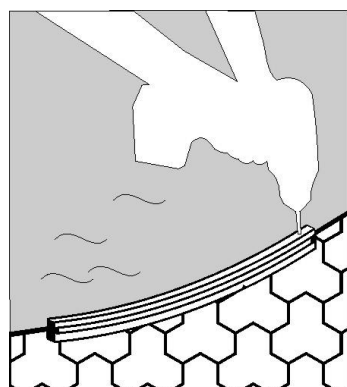


fig. 3.6

- Put the „C“ profile on the swimming pool wall just under the swimming pool edge. Marks „L“ on the wall and on the „C“ profile must match.
- Mount the „C“ profile on the swimming pool according to (fig. 3.2 and 3.3) by using screws M6x30.

For Cabrio Domes bigger than Ø 4.0 m is additional support (6) **obligatory** (fig. 3.5).

- Adjust length of support (6) by sawing. The ground under the support must be solid.

Stick at the end of „C“ profile a fastener (28/B) according to (fig. 3.4). This fastener is very important when erecting the Cabrio Dome.

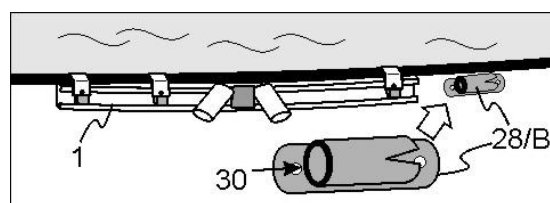


Abb. 3.4

In ground swimming pools

Fixing the „C“ Profile (1)

Put the „C“ profile on the swimming pool edge (as close as possible). The marks „L“ on the „C“ profile and on the Swimming pool must match.

- Remove the PVC ring (5) from the „C“ profile.
- Make marks on the ground by drilling through the holes on the upper side of the „C“ profile (fig. 3.6).
- According to the nature of the ground use appropriate screws to fix the „C“ profile to the ground.

20 cm from the end of the „C“ profile a fastener (28/B) is to be fixed. The intake hole of the fastener must show towards „C“ profile.

Step 4: Putting arches together (fig. 4.1)

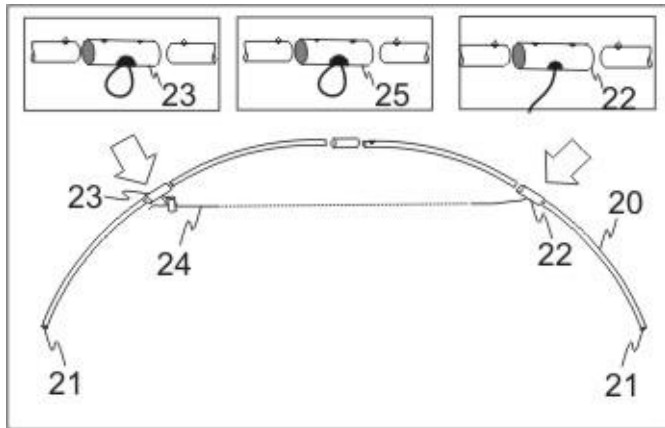


Abb. 4.1

Arches

An arch consists of four arch sections (20) that are put together by connecting aluminium tubes (22), (23) and (25). Two arch sections have a black stopper (21) at the end (fig. 4.1).

Swimming pools smaller than Ø 3.6 m

All connecting aluminium tubes are the same.

Swimming pools bigger than Ø 3.6 m

There are three different connecting aluminium tubes (22), (23) and (25).

- Put the arch sections in form of an arch on the ground according fig. 4.1 so, that the buttons are pointing upwards. Notice that the starting and ending arch section have at their ends a black stopper.
- Connect the arch sections by connecting aluminium tubes.
- A complete arch consist of one four arch sections (20), one aluminium connecting tube (22), one aluminium connecting tube (23) and one aluminium connecting tube (25) (Abb. 4.1).

A connecting rope (24) is used by swimming pools bigger than 4.0m to prevent hanging down of the dome. When Cabrio Dome is erected, the connecting rope (24) must be under easy tension.

Step 5: Pushing the arches into the foil

- Unfold the foil. The silver sockets must be situated one above the other.
- Push the first arch into the underlying socket. When a swimming pool is bigger than Ø 4.0m, push first the arch section with the connecting aluminium tube (23) (with loop) into the socket.
- Both arches must have the same distance from socket openings.
- Pull out the connecting rope (24) through the opening in the socket and connect it to the connecting aluminium tube (23). The connecting rope (24) must be under easy tension.

Step 6: Pulling rope (fig. 6.1/6.2)

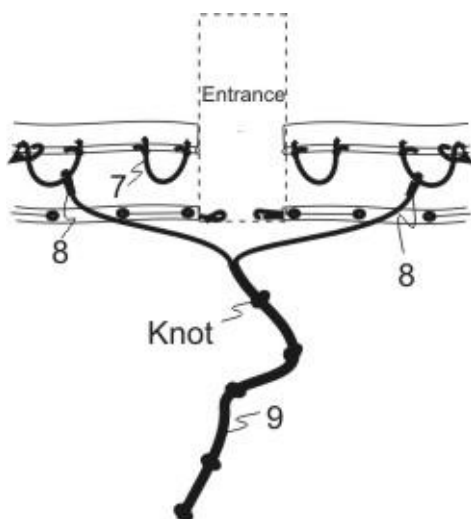


fig. 6.1

Pulling rope (18) (fig. 6.1)

Put together the pulling rope (18) according to fig. 6.1. Knots are to be made in a distance of an arm length.

The pulling rope is connected to expander ropes via two plastic hooks.

Manual

Pulling Cabrio Dome over swimming pool (fig. 7.1 to 7.4)

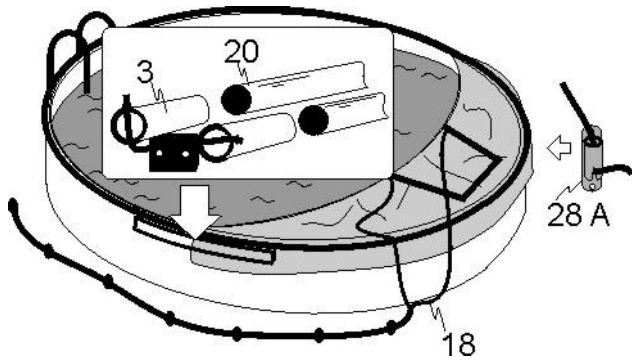


Abb. 7.1

- Put the Cabrio Dome on the swimming pool edge opposite the swimming pool stairs. Cabrio Dome entrance and the pulling rope (18) must lie above (fig. 7.1).
- Put the ends of both arches (20) into tubes (3). **Put the underlying arch into the right tube and the above lying arch into left tube when the swimming pool stairs is on your left.** When the swimming pool stairs is on your right, put the arches into tubes vice versa.

IMPORTANT NOTICE:

Before pulling the Cabrio Dome over the swimming pool make sure, that the rope which is connected on one end to the foil is on the other end fastened to the fastener (28/A). (fig 7.1). If not, the Cabrio Dome can collapse on the other side while pulling.

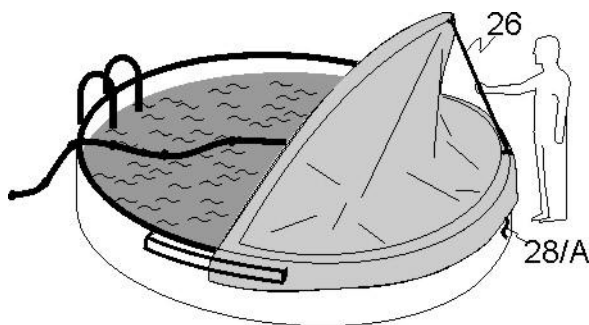


Abb. 7.2

- Put the aluminium tube (26) between two arches (fig. 7.2)

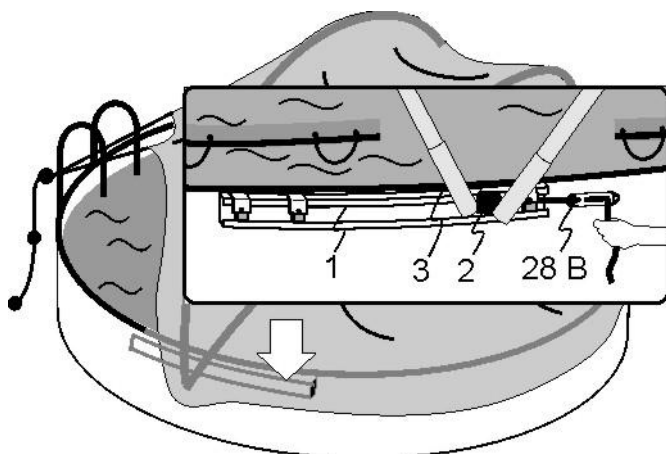


Abb. 7.3

- Fasten the rope (4) of plastic block (2) to the fastener (28/B) to prevent sliding of the plastic block while pulling Cabrio Dome over the swimming pool. (fig. 7.3)
- Pull the Cabrio Dome with pulling rope (18) over the swimming pool and hang it over swimming pool stairs (fig. 7.3)

START PULLING CABRIO DOME OVER THE SWIMMING POOL VERY SLOWLY SO, THAT WATER THAT IS CAPTURED IN THE FOIL CAN FLOW OFF.

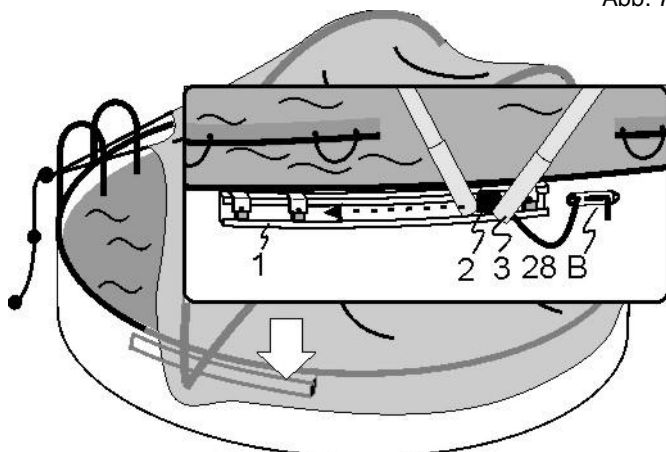


Abb. 7.4

- Put out the rope (4) from the fastener (28/B). Push plastic block (2) to the other side of "C" profile (1) (fig. 7.4)

Right tension of expander ropes (fig. 8.1 bis 8.4)

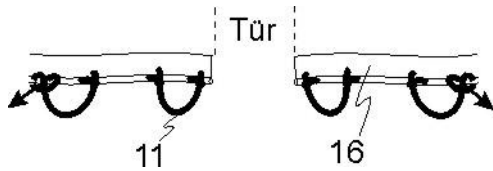


Abb. 8.1

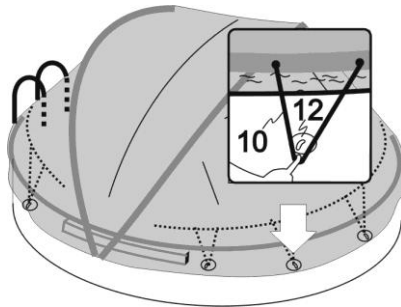


Abb. 8.2



Abb. 8.3

Expander ropes(11) by above ground swimming pools

Cabrio Dome is connected to the swimming pool with expander ropes (fig.8.1).

In the blue band (16) that is sealed to the foil are numerous holes. Bind to the first two holes on both sides of the entrance an expander rope (11). Other expander ropes bind to those holes of the blue band that are positioned above a hook (13) stiched to the swimming pool wall (fig. 8.2). Do not bind the expander ropes at least at one end to firmly – they might need readjustment. The hooks (13) must be always in the middle (fig. 8.2 and 8.3). Is that not the case, bind the expander rope to new hole. An exception is only first expander rope left and right of the entrance.

Expander ropes(11) by in ground swimming pools

Wie bei freistehenden Becken, jedoch wird zusätzlich an das Gummiseil der Stift () eingefädelt.

Expander rope (15) in the foil edge

Pull the expander rope (15) through the holes of foil edge beginning at the entrance with that end of expander rope without a jamming cleat. Once through, make on that end of the expander rope such a loop the cleat can be stick on it.

Right positioning of insert tubes (fig. 9.1/9.2)

The design of Cabrio Dome makes possible a fold free form by minimal tension in expander ropes (11). If fold occur so is the expander rope under the fold to heavy tensioned. The tension in the expander ropes is regulated by moving of the knots.

VERY IMPORTANT:

Never set the expander ropes under heavy tension!! This may damage the foil.

Für die Schaden an der Folie, entstanden durch überspannen der Gummiseile, wird keine Garantie gewährleistet.

IMPORTANT ASSEMBLING NOTES:

- If the blue band is less than 15 cm above the swimming pool edge (fig. 9.1), the screws M5x45 must be inserted into insert tubes (3) according (fig. 9.2).
- If the zipper is hard to close due to stress in the foil check if both "C" profiles are in the right positions. If they are, the screws M5x45 must be inserted into insert tubes (3) according (fig. 9.2).
- By the in ground swimming pools screws M5x45 must always be inserted into insert tubes (3) according (fig. 9.2).

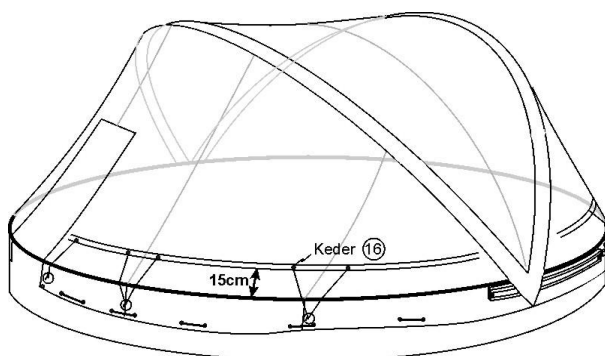


Abb. 9.1

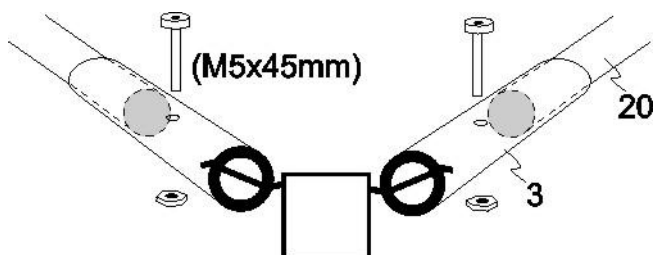


Abb. 9.2

Collapsing of the Cabrio Dome (fig. 10.1 to 10.3)

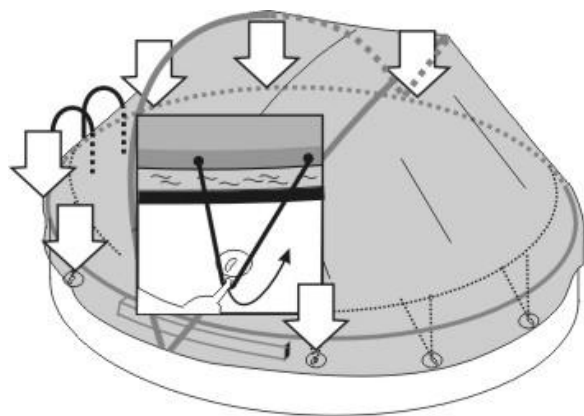


fig. 10.1

- Unhook the expander ropes (11) around the half of the swimming pool with a swimming pool stairs and also around both "C" profiles (fig. 10.1)

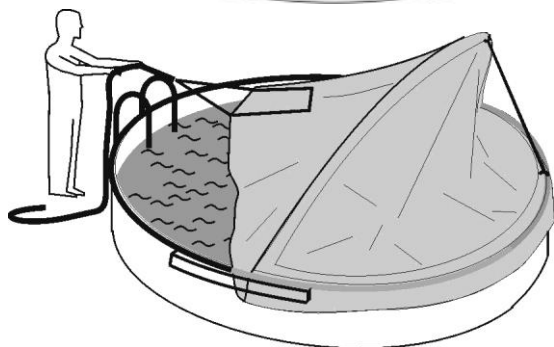


fig. 10.2

- Collapsing of the Cabrio Dome must be controlled with pulling rope (18) (fig. 10.2).

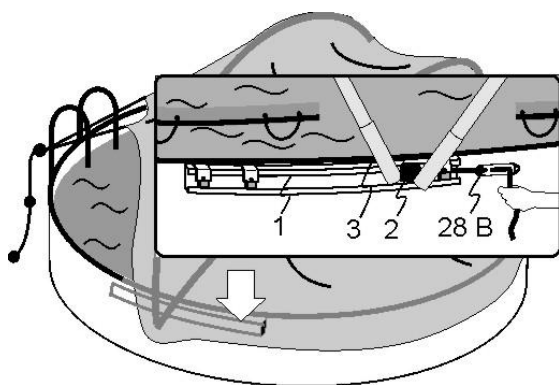


fig. 10.3

- Hang the pulling rope over the swimming pool stairs. Push plastic block to the end of the "C" profile and fasten the rope (4) into fastener (28/B) (fig. 10.3).
- Now complete collapsing of the Cabrio Dome
- Pull the foil out of water and put it on the edge of the swimming pool.
- If desired, both arches can be removed out of inserting tubes (3) and pulled of the swimming pool edge.

Cabrio Dome resist wind (up to 3 Bf) but has **to be removed from the swimming pool in case of storm**. When windy close the doors.

Cabrio Dome is not a cover suitable for winter and should be removed from a swimming pool. Store the foil dry and clean.

Smaller holes in the foil you can repair with a PVC Sticker and a PVC foil.

Safety

!!! CAUTION !!!

While covering/uncovering the swimming pool it is forbidden to stay inside the swimming pool.

Cabrio Dome is not a safety swimming pool cover!!