

# THERMO-MATIC



Pool covers for  
demanding individualists



**PAM**  
**Pionier**AG





**ENERGY**



## **THERMO-MATIC: Opening and closing at the push of a button**

The pool cover THERMO-MATIC stands for energy saving, comfort and security. The fully automatic roller shutter enables users to swim at the push of a button, and the esthetic design meets even the most demanding requirements. Either invisibly installed under water or mounted on the pool edge with a casing or a bench, THERMO-MATIC is always elegant and stylish. The use of high quality materials, a dependable technology and a professional installation through the specialist are a reliable guarantee for the longevity of this pool cover.



## **THERMO-MATIC – the distinguished pool cover**

THERMO-MATIC covers are high grade roller shutters made of impact-resistant PVC. The profiles are equipped with several, tightly welded air chambers. The ingenious shape of the end caps prevents the roller shutter profiles from shifting sideways.

THERMO-TWIST, the elegant profile is convex on both sides and easily reversible in case of a dirty surface. The special profile structure stops the water evaporation and the air chamber system – with two chambers lying one upon the other – leads to an excellent U value

(heat transition coefficient). W=50 mm, H=11 mm.

COMFORT (with 4 air chambers): Classic, rugged profile with a convex outer surface for a quick water discharge. W=60 mm, H=13 mm, approved by the\*bfu for its safety (please study and observe the corresponding safety regulations). The low-cost STANDARD profile (with 2 air chambers) is rugged and convex on the outer surface. W=50 mm, H=14.5 mm. Available also as „solar“ version (air side translucent, water side black)

\*Swiss office for accident prevention



# COMFORT AT THE PUSH OF A BUTTON

## ENERGY- Important facts

Dependable energy savings and environmental protection – The THERMO-MATIC covers of open air pools help to reduce loss of heat (through evaporation and radiation) up to 80% efficiently. With the „Solar“ translucent roller shutter version, you achieve even additional heating, which leads to a considerable energy gain.

In case of indoor pools, the ventilation and dehumidification devices are running at a minimum when the pool is covered. This reduces the consumption of expensive energy up to 60% and more and cuts the need of water and chemical additives considerably.

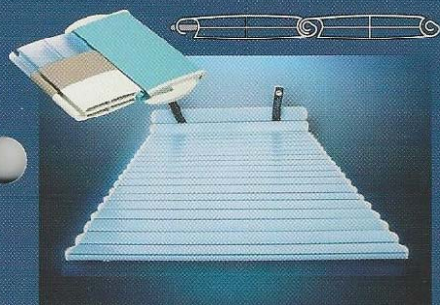
## Comfortable side-effect

You keep the temperature and humidity on a pleasantly low level which allows you to wear your everyday clothes like in the other living rooms. Furthermore, the roller shutter THERMO-MATIC helps to protect the built volumes through an efficient protection against evaporation.



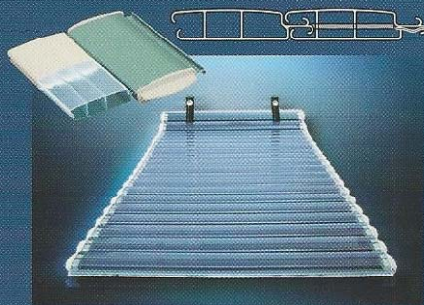
### Twist

Elegant profile, convex on both sides and easily reversible in case of a dirty surface. Excellent U values. Offers optimum protection for children with regard to the corresponding safety regulations. **Colours:** light grey, light blue, white, solar



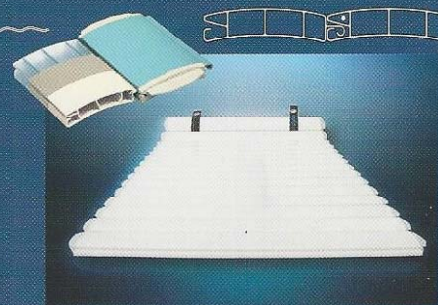
### Standard

Low-cost and rugged profile with a slightly convex air side. **Colours:** blue, white, transparent/black (solar roller shutter)



### Comfort

The classic, rugged profile: quick water discharge through a convex surface (air side). Offers optimum protection for children with regard to the corresponding safety regulations. **Colours:** light grey, light blue, white, solar





## SAFETY



## Roll-up device

The pool covers THERMO-MATIC offer an easy and elegant integration into existing or new systems. The roll-up device is mounted on the pool border with an esthetical casing or an elegant bench. The roll-up system can also be mounted invisibly under the water or on the wall. The version „VISION“ even allows a later underwater mounting into an existing system. The underwater systems are mounted invisibly, which gives free access to all kinds of pool shapes.

You'll find all the necessary information about underwater systems on the next page.

### Pool cover for demanding individualists

There is no limitation on your personal choice for swimming pool design. THERMO-MATIC enables you to make your own ideas a reality. This means: A customized cover can be provided for many pool shapes.



## Roll-up device with casing and seating bench

The pool covers THERMO-MATIC offer an easy integration into new and existing pool areas. The roll-up device can be mounted on the pool border with an esthetical casing or an elegant seating bench.

## Casing and seating bench PREMIUM

Both, casing and seating bench PREMIUM are rugged and made for a long service life. They are an elegant and dependable solution to cover and protect the high grade roll-up device effectively. The casing is suitable for a pool width of up to 6 m, seating bench up to 8 m. Material: white PVC profiles, powder coated special steel. Other colours on request.

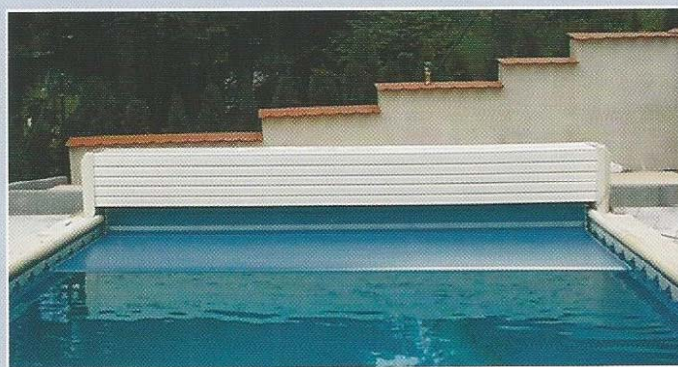
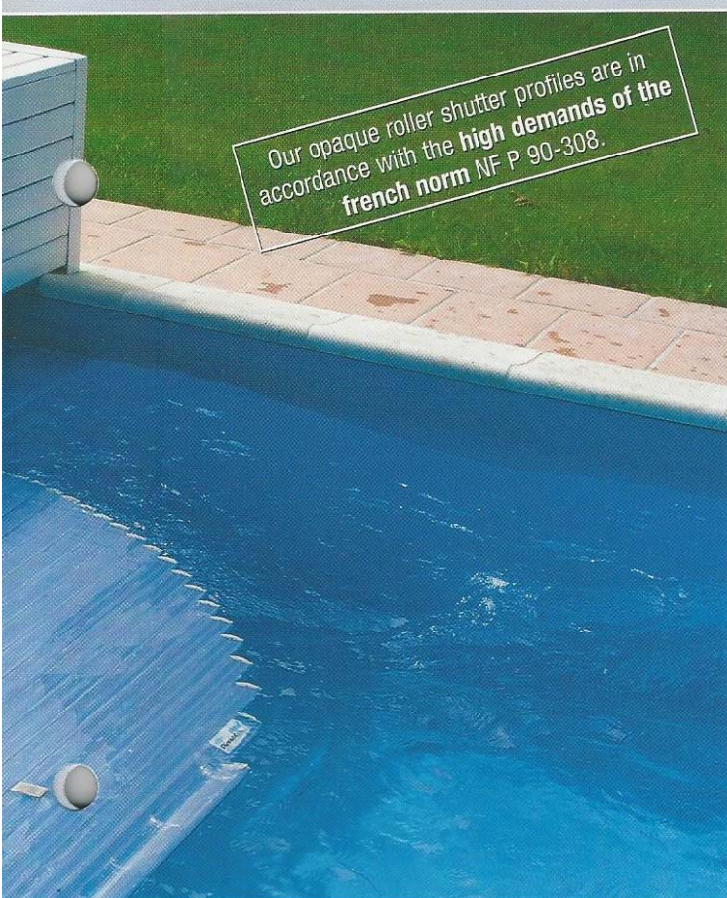




# OVERFLOOR ROLL-UP SYSTEMS

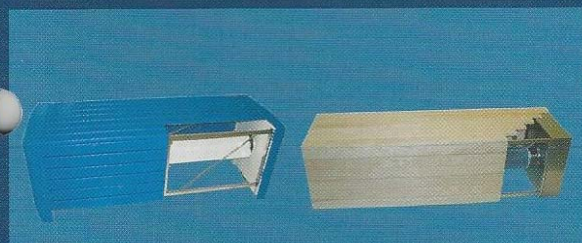
## Dependable safety

Small children should not play around the pool area without supervision. Nevertheless, THERMO-MATIC provides an optimum childproof protection if the installation is mounted above the water and equipped with a cover shaft and a border bearing on three sides. In case of a floating roller shutter an additional bearing device is essential. In addition to that, the front part of the roller shutter has to be fixed to avoid a side drift. If the pool has an elevated water surface, additional measures are necessary.



## Casing and seating bench MASTERSERIE

Casing and seating bench MASTERSERIE are self-contained and offer an easy and uncomplicated mounting. They are made of high grade materials. The casing is suitable for a pool width of up to 6 m, seating bench up to 8 m. Available with different surface materials and RAL-colours.



## Seating bench ELEGANT

ELEGANT – The self-contained seating bench serves at the same time as elegant casing for the roll-up system. Available in three different variations. Material: side plates made of special steel V2A polished; tubular motor 24 V, control unit with trafo and self-contained supporting structure made of special steel. Suitable for a pool width of up to 6 m. Available with different surface materials and RAL-colours.





## TECHNOLOGY

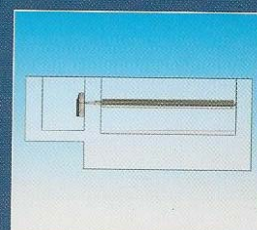
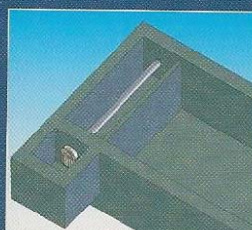


## Underwater roll-up systems

The well-approved underwater roll-up system INTEGRALIS is invisibly and elegantly mounted into the pool. The version VISION I can even be mounted without external motor shaft and therefore saves costs remarkably. VISION II is especially suitable for a later mounting of an underwater roll-up device into an existing pool.

## INTEGRALIS

The roll-up system INTEGRALIS is especially suitable for an underwater mounting. The motor is located in a dry shaft outside the pool and offers an easy access for maintenance. Roll-up systems for a pool width of up to 4 m (type INTEGRALIS I) and 8m (INTEGRALIS II). Material: high grade special steel.





# UNDERWATER ROLL-UP SYSTEMS

## Technical specifications and versions

**Material:** stainless steel and high grade plastic materials, approved control elements and drives, long-life bearings, stylish casings and benches. Complete connector shells, motor, noncorrosive materials. **Suitable for** rectangular and polygonal pools. **Optional extras:** security bearing device, remote control, various special accessories. **Maintenance:** occasional cleaning, otherwise no maintenance required

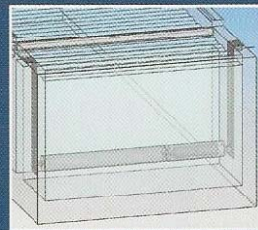
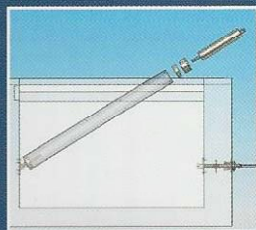
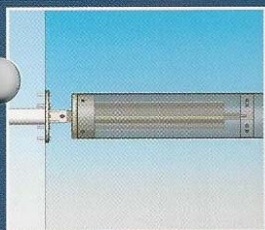


## VISION I

VISION I is an intelligent, almost maintenance-free system, which offers an access to the „underwater technology“ with a minimum of handling. The mounted hinge can easily be moved across the water surface. Roll-up shafts for a pool width of up to 8m. Material: casing and roll-up shaft are made of high grade special steel (V4A).

## VISION II

VISION II has been developed for a later underwater mounting. The complete roll-up system can be removed by simply unscrewing the four fixing screws. Roll-up shafts for a pool width of up to 8m. Material: casing and roll-up shaft are made of high grade special steel (V4A).

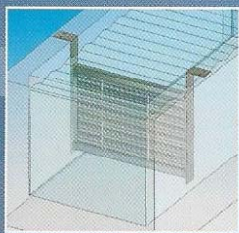




## Accessories

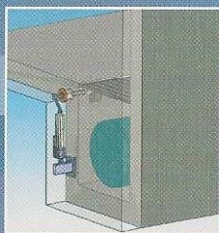
### Partition wall

Partition wall for a cover shaft; mounting in new and existing pools.



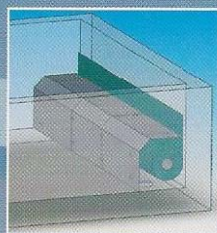
### Hinged cover

Hinged cover serving as cover of a roller shutter shaft; mounted on the pool floor.



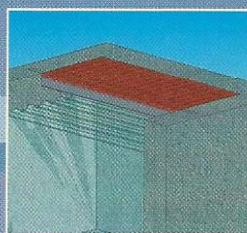
### Protection casing for floor mounting

Protection casing made of special steel; accessible.



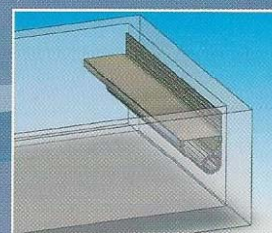
### Grid

Accessible wooden grid; rounded and impregnated.



### Underwater bench

Underwater seating bench; special steel. Up to 60 cm (width) and 6 m (length).



## INFO-FLASH



THERMO-MATIC

### Brief info about the product:

- energy savings
- three different roller shutter profiles available for a mounting above and under water - optimum children and animal protection (if the pool is equipped with a security bearing around the whole pool border)
- protection of the built volumes
- also suitable for polygonal pools



# PAM PionierAG

## CONTACT



**PAM**  
**PionierAG**



Your specialist for swimming pools:

Glatz Pioneer (UK) Ltd  
Unit 6, Kewmill, Dagnall Road, Dunstable,  
Bedfordshire LU6 2LD  
TEL: 01442 843991 FAX: 01442 843992  
Email: glatzpioneer@aol.com  
www.glatzpioneer.co.uk