

## 2021 WARRANTIES LINERS

### EVOLUTION



The **Evolution** liners have a 3 years full warranty on watertightness and on the welds, followed by 7 degressive years at a 10% per year degressive rate. A 3 years anti-stain warranty is applied in normal conditions of use up to 32°C and defined by the NF T54-802 standard.

Above this temperature, the risks of discolouring and creases connected to chlorine, might increase water absorption and condensation behind the liner.

**Example:** liner fitted in 2010 and replaced in 2014 after 4 years - Degressive rate of 10%.

### PROTECT 33



The **Protect 33** liners have a 10 years full warranty on watertightness and on the welds, followed by 5 degressive years at a 20% per year degressive rate. A 3-year anti-stain warranty is applied in normal conditions of use up to 33°C and defined by the NFT 54-802 standard. Above this temperature, the risks of discolouring and creases connected to chlorine, might increase water absorption and condensation behind the liner.

**Example:** liner fitted in 2010 and replaced in 2021 after 11 years - Degressive rate of 20%.

### TRADITION



The **Tradition** liners have a 3 years full warranty and 7 year degressive warranty on watertightness and on the welds in normal conditions of use up to 28°C and defined by the NFT 54-802 standard, with a degressive rate of 10% per year. Above this temperature, the risks of discolouring and creases connected to chlorine, might increase water absorption and condensation behind the liner.

**Example:** liner fitted in 2010 and replaced in 2014 after 4 years - Degressive rate of 10%.

### INFINI



The **Infini** liners have a 5 years full warranty on watertightness and on the welds, followed by 5 degressive years at a 20% per year degressive rate. A 3-year anti-stain warranty is applied in normal conditions of use up to 32°C and defined by the NFT 54-802 standard.

Above this temperature, the risks of discolouring and creases connected to chlorine, might increase water absorption and condensation behind the liner.

**Example:** liner fitted in 2010 and replaced in 2017 after 7 years - Degressive rate of 40%.

### CONFORT



The **Confort** liners have a 10 years degressive warranty on watertightness and on the welds in normal conditions of use up to 28°C and defined by the NFT 54-802 standard, with a degressive rate of 10% per year. Above this temperature, the risks of discolouring and creases connected to chlorine, might increase water absorption and condensation behind the liner.

**Example:** liner fitted in 2010 and replaced in 2014 after 4 years - Degressive rate of 40%.

## 2021 WARRANTIES LINERS

### EVOLUTION, PROTECT 33, TRADITION, INFINI, CONFORT

**Snags, holes, tears, stains, wrinkles, the fastness of colours and prints and whitening are not covered by the warranty.**

**The placing in water and cutting of the wall units constitute for the installer the acceptance of the conformity of the liner with the pool measurements and of the colour of the PVC sheet (AFNOR: NF T54-802).**

The warranties only apply if the recommendations of the FPP\* and AFNOR\*\* have been complied with.

Claims concerning the compliance of the cut of the liner must be sent by email or by fax, on the same day it is laid. The absence of a claim within the period specified above implies the waiver of asserting any lack of conformity.

#### THE WARRANTY DOES NOT APPLY TO DAMAGE OR LOSSES CAUSED WHOLLY OR PARTIALLY BY:

- a/ natural disasters (floods, storms, hail or other similar natural phenomena).
- b/ environmental impacts or overexposure to commercial or industrial solvents, acids, caustic liquids, oils, waxes, fats, soaps, absorbent clays, chlorination or other harmful chemicals.
- c/ vandalism.
- d/ automatic pool cleaners or cleaning aids, including, but not limited to, steel wool, brushes with stiff and sharp bristles or scouring pads, abrasive cleaning products.

Any use of products other than those recognised for the treatment of water in private pools and compatible with the PVC liner sheet will give rise to the cancellation of the warranty. Never use treatment products which contain copper or copper derivatives.

Any external elements (for ex: shelters, covers, etc.) are likely to modify the physical-chemical characteristics of the water. It is important to ensure that the normal conditions of use of the liner (temperature, level of treatment and balance of the water, etc.) are always fulfilled and comply with the conditions of use of the standard NF T54-802.

We reserve the right to decide if the liner must be repaired or changed. The warranty only applies to the equipment delivered by our company to the exclusion of the cost of installing or re-installing, of the water, of the chemical products and all accessory charges (felt, glue etc. ) as well as transport.

**Treatment of water:** in compliance with applicable legislation (French decree n° 81324 of 7.4.81), pool water treated using chlorine must comply with the following values:

- pH between 7 and 7.6 (acidity level).
- TH between 15 and 25 °f (hardness level).
- TAC between 10 and 20 °f (buffer power against pH variations).

The active free chlorine level must be kept at between 0.7 and 1.2 mg/l and if stabiliser is used, the level must be between 1 and 2.5 mg/l - pH between 7 and 7.6. If bromine treatments are used, they must not exceed a level of 2 mg/l - pH between 7.2 and 7.6. Make sure that the stabiliser level (isocyanuric acid) from the chlorine tablets is lower than 70 mg/l.

For all other treatment, the installer and the user must check with the supplier of the treatment envisaged (chemical or electrophysical) that it is compatible with our PVC sheets.

When placing in water, use a metal sequestering agent to avoid stains related to dissolved metals such as copper, iron and manganese (make sure that the sequestering agent is effective for copper). Treatment of water with chlorine tends to whiten the membrane, while treatment with bromine tends to turn it yellow. We therefore recommend that you use a chlorine treatment for lightcoloured membranes and a bromine treatment for dark-coloured membranes. Treatment by salt electrolysis and the combined use of an automatic cover is incompatible with dark colours as this may give rise to an accelerated discolouration of the membrane. Copperbased treatments are prohibited.

If there is an automatic cover and an electrolysis unit, the latter must be fitted with Redox regulation to avoid over-chlorination problems as much as possible. The electrolysis unit coupling contact can only limit this effect if the pool is regularly uncovered. Water parameter checks must be carried out at least twice per week.

Our prefabricated stairs are warrant for 5 full years against any manufacturing defect that may affect the durability of the product.

**Login to [www.del-piscine.fr](http://www.del-piscine.fr) to consult our warranties.**

\*FPP: Fédération des professionnels de la piscine - 5 rue de Vienne - 75008 Paris.

\*\*AFNOR: n° NF T54-802.



#### SLIP NF EN 16 852-1 NORM :

The requirements of the standard on means of access:

Access	Classification group minimal
Degree of ladder	A
Step	A
Slope	B

Slip resistance:

Classification group	Critical angle
A	12° to 17°
B	18° to 23°
C	from 24°