



LADDERS WITH PLASCOAT[®] TECHNOLOGY

THE PERFECT SOLUTION
FOR SALTWATER POOLS



Saltwater electrolysis technology is very popular in residential pools as more than half of all new inground pool installations are equipped with it. Having a saltwater pool has many advantages over traditional chlorine ones: they are easier to maintain so the water is cleaner and clearer without the use of harsh chemicals, which also reduces skin and eye irritation. However, exposure to a saline environment can damage stainless steel equipment such as ladders or handrails. These damages can be visible through rust and corrosion.

HIGHEST QUALITY. MAXIMUM RESISTANCE.

TRADITIONAL STAINLESS STEEL SOLUTIONS

Stainless Steel is resistant to corrosion, but it's not corrosion-proof. Once it oxidizes, Stainless Steel does corrode, but at a much slower rate than other metals.

Solutions currently available on the market are ladders made with:

- **AISI 304L** (also known as A2): it contains high nickel and chrome content in weight percentage.
- **AISI 316L** (also known as A4): it contains molybdenum. Molybdenum is resistant to chlorine, making it suitable for areas with exposure to harsh chemicals, salted roadways, or coastal environments. This stainless steel is also a good solution for saltwater chlorinator pools but need more maintenance than other materials if water conditions are not ideal¹.
- **Special Coatings** more resistant to corrosion but not completely successful.

OUR INNOVATIVE TECHNOLOGY

AstralPool presents the latest solution for saltwater pools:
Ladders with Plascoat® Technology.

These ladders are made with a highly resistant coating which is commonly used in the most extreme environments. AstralPool is a pioneer in the use of this technology in swimming pools.

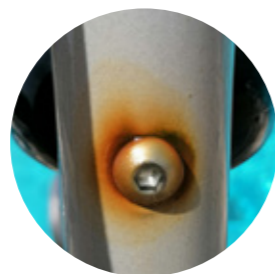
Our R&D Department has carried out a study where it has tested the different stainless steel solutions in extreme conditions. While all of them showed signs of corrosion, the AstralPool ladder with Plascoat® Technology remained intact².



AISI 304L



AISI 316L



SPECIAL COATING



PLASCOAT® TECHNOLOGY

PLASCOAT® TECHNOLOGY

With almost 30 years of proven performance, Plascoat® is a thermoplastic powder technology with the versatility to work in a wide array of applications and processing techniques. We use it as a durable coating since it provides long-term corrosion protection for metal against the most demanding environments.

MAIN BENEFITS:

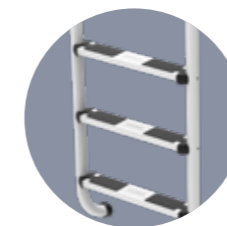
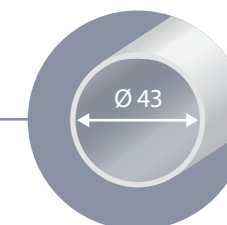
- Long-lasting: Plascoat® provides long life for the coated assets with superior resistance to salt, sea, sand, and sun.
- Highly economical: no primer required, low maintenance during the product life.
- Trustable and safe: easy-to-clean surface with a warm-touch effect.
- Universal and versatile.

LADDERS WITH PLASCOAT® TECHNOLOGY KEY FEATURES



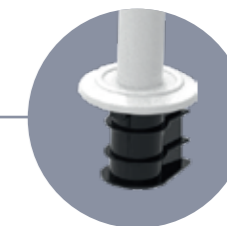
Made of AISI 304L + special ultra-resistant Plascoat® coating providing additional protection against corrosion.

In-ground pool ladder. Stainless steel Ø 43 mm pipe handrail. Suitable for new pool and ladders rejuvenation.

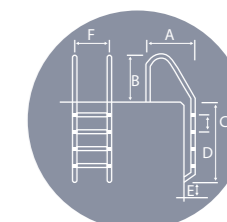


Special non-slip steps design ensures safety.

Supplied with anchoring fixtures for connection to a compatible outlet. Trimmed faceplate.



Steps	A	B	C	D	E	F
3	618	620	260	960	148	500
4	618	620	260	1220	148	500



¹ For proper maintenance, please refer to the recommended parameters on the website and/or manual.

² Tests were done with salt concentration levels of 9 g/l.



DISCOVER ELITE CONNECT SALT CHLORINATOR

- Enjoy more, maintain less
- Unrivaled upgradeability
- Integrated connectivity