

RENOLIT ALKORPLAN

INSPIRING
POOL
SURFACES

PROFESSIONAL CATALOGUE 2026

Instructions and
products for the
installation and
maintenance of PVC
reinforced membrane
for swimming pools



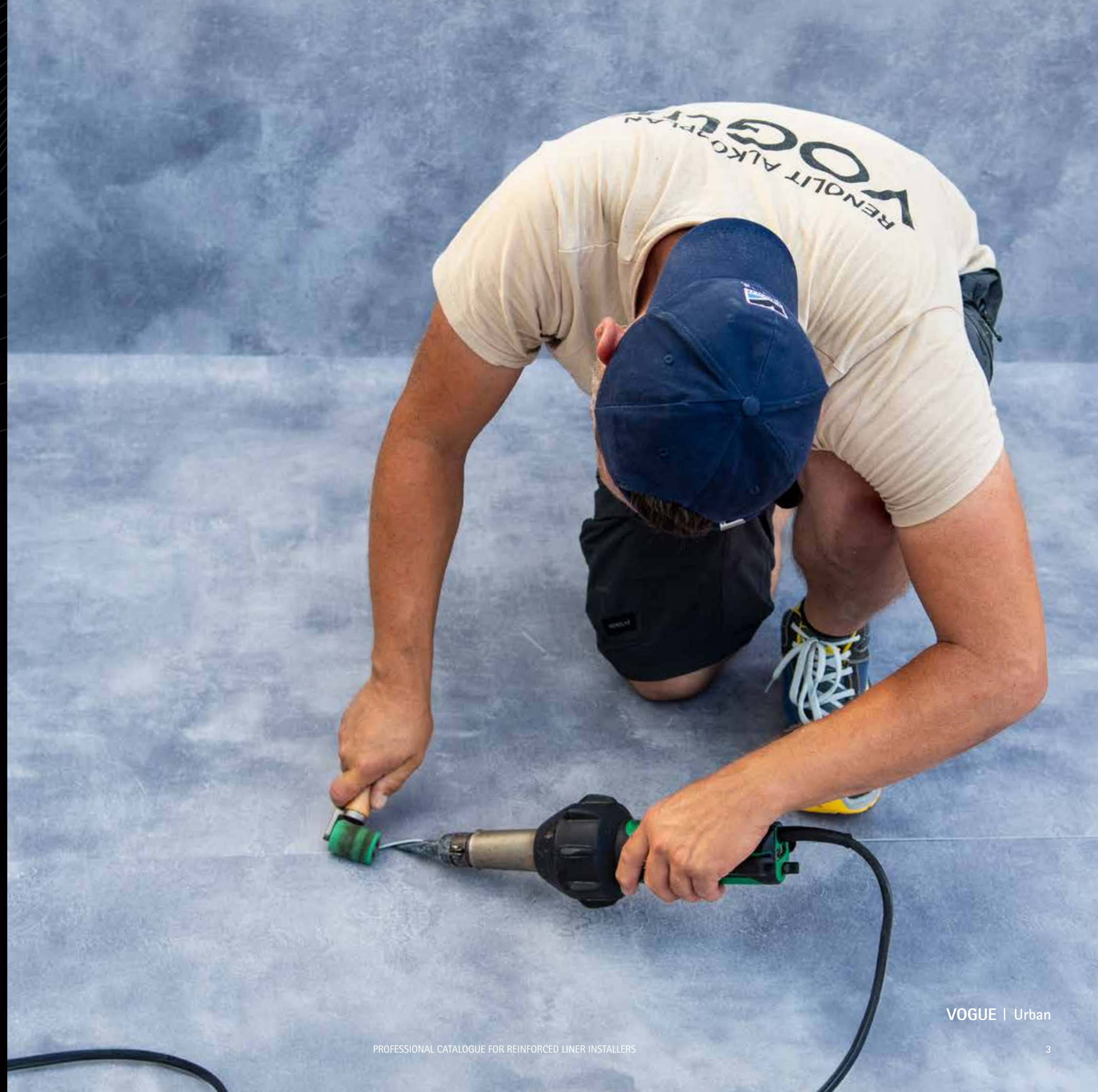
A solid brand you can trust

RENOLIT SE is a German company and a leading manufacturer of high-performance PVC products for a wide-range of industries. Founded in 1946, the company has expanded globally and today has operations in more than 30 countries.

RENOLIT ALKORPLAN is the company's division that designs and produces specialty PVC membranes for waterproofing swimming pools, decks and surrounding areas.

With more than 35 years of market experience, RENOLIT ALKOPLAN is one of the most internationally trusted and respected brands in waterproofing engineering with proven product installations throughout the world.

RENOLIT ALKORPLAN is a brand you can trust that provides high-quality, durable and proven solutions for your aquatic needs.





SUMMARY

CATALOGUE CONTENT

- 8 Adaptation of the pool shell
- 14 Fitting the fixings to the pool
- 20 Glues and adhesives
- 26 Geotextile use
- 34 RENOLIT ALKORPLAN reinforced membrane
- 60 Membrane installation tools
- 66 Subsequent membrane maintenance
- 72 Pool Visualizer



RENOLIT ALKORPLAN PVC REINFORCED MEMBRANE IS A DECORATIVE WATERPROOFING LINER FOR SWIMMING POOLS

These two sheets are laminated with a core of a polyester mesh, that provides great strength and durability, without losing the elasticity and flexibility needed to adapt to any shape or corner of the pool.

RENOLIT ALKORPLAN TOUCH AND VOGUE

2mm thickness in comparison with the usual 1.5mm of the other reinforced liners from the market.

Top sheet of PVC-P + protective lacquer against ultraviolet rays and the abrasions that come from daily pool use.

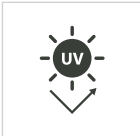
Polyester mesh that gives great strength and stability.

Bottom PVC-P sheet with a fungicide and a lacquer coating with an antiblocking agent to prevent the membranes sticking together when they are being installed.

ALL RENOLIT ALKORPLAN REINFORCED POOL LINERS OF THIS CATALOGUE ARE LACQUERED

The top surface of the **RENOLIT ALKORPLAN** collections (Touch, Vogue, Relief, Alive, 3000 and 2000) are coated with an exclusive protective lacquer, which has the main function of extending the liner's useful life.

HELPS PROTECT THE MEMBRANE AGAINST



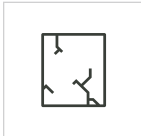
UV Rays



Stains



Sea weeds



Slight rubbings

TOP SHEET

Contains pigments of the highest quality to ensure excellent resistance against ultraviolet rays.

Has a non-volatile plasticiser to ensure flexibility and prolonged useful life.

Contains an excellent stabiliser that makes the membrane dimensionally stable during sharp changes of temperature.

The protective lacquer protects against scratches; ultraviolet rays, and acts as a stain repellent.

BOTTOM SHEET

A bactericide is incorporated in the sheet to prevent bacteria proliferation, stains becoming from microorganism and algae.

It is also the only membrane on the market with an antiblocking lacquer, which improves material handling during installation.

10
YEARS

WATERTIGHTNESS
GUARANTEE

WRITTEN GUARANTEE OF WATERTIGHTNESS

All **RENOLIT ALKORPLAN** membranes are 100% watertight with a written guarantee.

RENOLIT ALKORPLAN is the ideal lining for avoiding leaks.

It can be installed in half the time of other lining systems on any type of surface and onto any pre-existing material*, adapting to the shape of any pool shell.

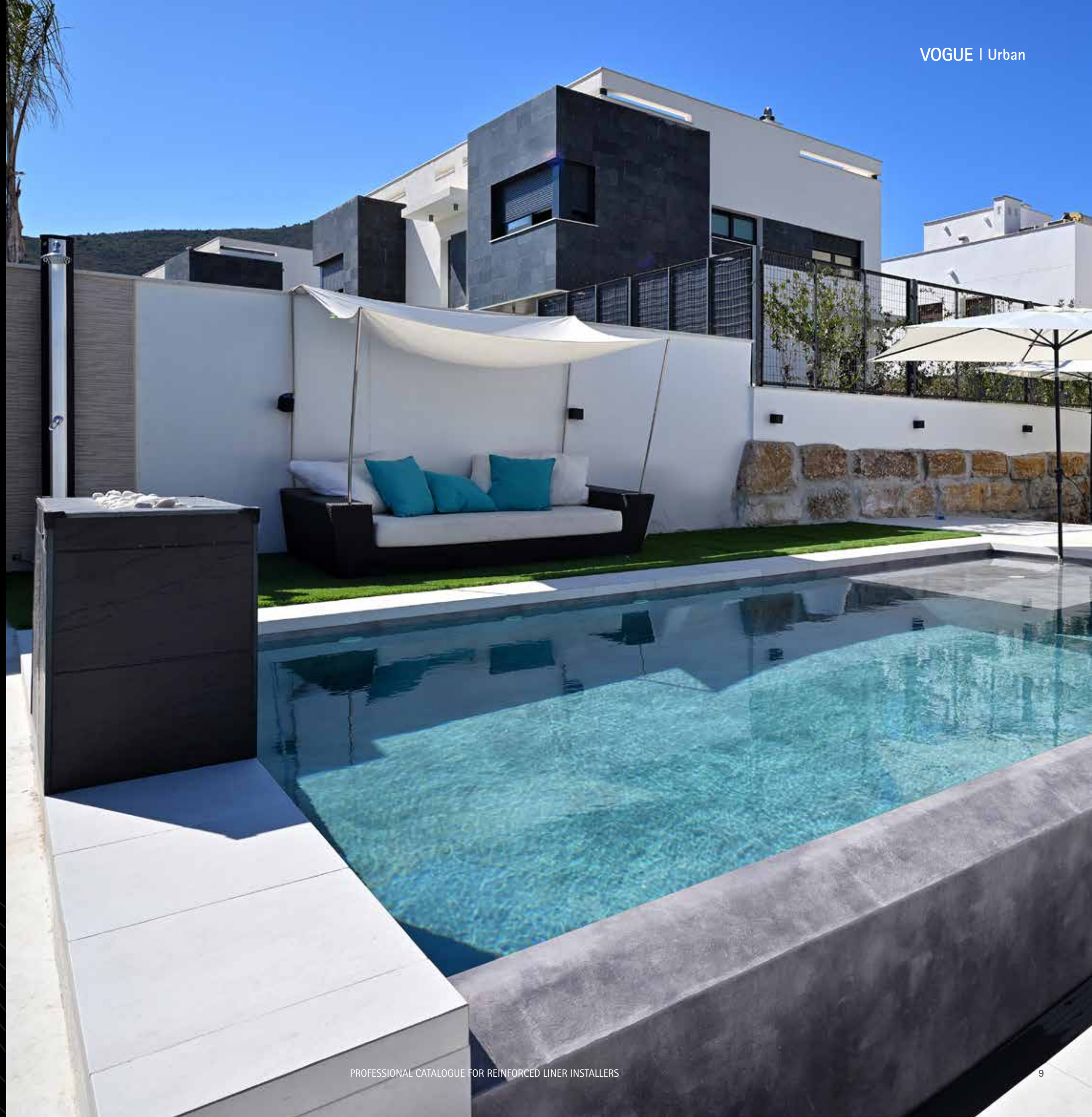
*Except surfaces treated with bituminous waterproofing layer or similar.

This lining system is suitable both for new build swimming pools and for refurbishments.

1

ADAPTATION OF THE POOL SHELL

SWIMMING POOL LINING:
STEP BY STEP



1

**ADAPTATION
AND
DISINFECTION OF
THE POOL SHELL**

2

**MOUNTING THE
ANCHORAGES TO
THE POOL SHELL**

3

GEOTEXTILE USE

4

**INSTALLATION OF
THE REINFORCED
MEMBRANE**

5

**MEMBRANE
INSTALLATION
TOOLS**

6

**SUBSEQUENT
MEMBRANE
MAINTENANCE**

POOL SHELL ADAPTATION

Before starting any project it is essential to prepare the structure to be able to work on it. As with the majority of jobs, not just swimming pools, the adaptation of the structure is more time-consuming than the installation of the product itself.

In the case of the installation of reinforced membrane in a new build swimming pool, it is enough just to clean the space on arrival at the pool, mount the anchorages and disinfect it with **RENOLIT ALKORPLUS** Structure Disinfectant. On the other hand, when dealing with a swimming-pool refurbishment, the installer must carry out a few further steps:



CHECK THERE IS NO WATER LOSS IN THE HYDRAULIC CIRCUIT

It is easy to check by applying pressure to the circuit. This step is recommended since if there are leaks once the swimming-pool is finished, their origin in the circuit can be ruled out.



CHECK THAT THE POOL EQUIPMENT, SKIMMER, INLET, DRAIN AND LIGHTS ARE COMPATIBLE WITH LINERS

To achieve total water tightness the pool shell equipment for liner or reinforced membrane swimming pools must have double seals. Thus for refurbishments it is necessary to check that this is the case, and if not, substitute them.



REPAIR ANY CRACKS THAT EXIST IN THE WALLS AND FLOOR

If there are significant gresite wrinkles, cracks or joints, these must be filled and smoothed before placing the membrane so that they are unnoticeable once the swimming-pool is finished.



CLEAN DEBRIS AND IMPURITIES FROM THE POOL WALLS AND FLOOR

It is necessary to sand the walls and sweep, even vacuum the whole floor with the aim of making sure there isn't even the smallest blemish, since once the membrane is fitted, it'll be impossible to remove it.

For both new pools and renovations, it is recommended to clean and disinfect the pool shell to ensure no organic matter remains. If any organic residues are left behind, ground moisture and darkness are likely to cause microorganisms to proliferate. These can migrate to the surface of the membrane, causing irreversible staining.

To prevent this, RENOLIT recommends using RENOLIT ALKORPLUS Structure Disinfectant, which will eliminate any organic residue and avoid future problems.

RENOLIT ALKORPLUS STRUCTURE DISINFECTANT

Effective product for cleaning and disinfecting the structure prior to installing the lining. It prevents the proliferation of microorganisms between the pool shell and the liner, thereby preventing the appearance of irreversible stains.



REFERENCE	DESCRIPTION	COLOUR	Content (l/bottle)*	PACKAGING
81052002	Structure Disinfectant	Transparent	1	6 Bottles

*1 liter of concentrated product treats approximately 100 m². Leave to work for 12 to 24 hours.

PRODUCT APPLICATION

APPLICATION IN NEW SWIMMING POOLS

A new construction may appear clean, but it is not sterile. Thanks to its long-lasting durability, RENOLIT ALKORPLUS Structure Disinfectant prevents contamination of the structure even over time. Apply the diluted product to the structure and allow it to dry before installing the membrane.

APPLICATION IN RENOVATIONS

Any pre-existing pool is typically contaminated due to both regular use and periods of inactivity.

An initial treatment with RENOLIT ALKORPLUS Structure Disinfectant will dissolve organic matter and disinfect the entire pool shell. Once applied, let the product sit, then remove the disinfected debris using a vacuum or by rinsing with water and draining it through the bottom main drain.

Next, perform a second treatment by applying the product and allowing it to dry. This ensures complete disinfection and protects the structure against the future growth of microorganisms.

The product must be diluted in 9 liters of water and applied to the entire surface of the pool shell using a brush or roller, creating a white foam that fully coats the surface.

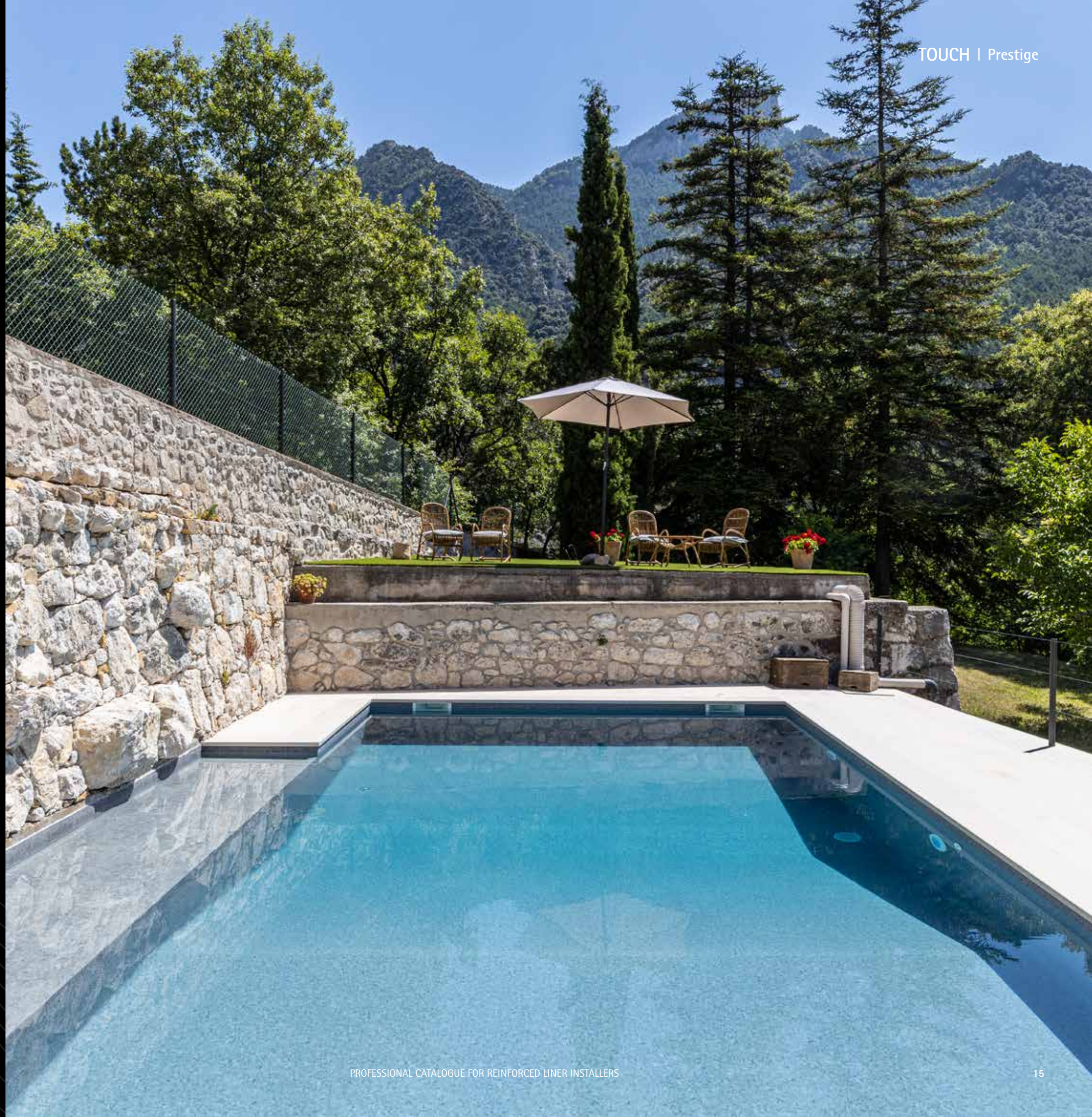
CAUTION!

Ensure the membrane is installed when the product is dry. It could damage the membrane if applied while wet.



FITTING THE FIXINGS TO THE POOL

SWIMMING POOL LINING:
STEP BY STEP



ANCHORING SYSTEMS

PVC profile for fixing the reinforced membrane to the pool wall or under the coping stone.
Easily adaptable to any shape of the pool, just by applying a little heat.
Completely insensitive to humidity, corrosion and chlorine.

PVC PROFILE

REFERENCE	DESCRIPTION	THICKNESS (mm)	WIDTH (cm)	LENGTH (m)	PACKAGING
81170122	PVC profile	2	5	2	10
81170142	90° angle PVC profile	2	4,5 x 4,5	2	10

Both the PVC profile and the laminated profile are chemically compatible with the reinforced membrane, which will achieve an optimal union by welding. Regarding the wall, they must be anchored by means of both mechanical and chemical fixing.

CHEMICAL ANCHORING

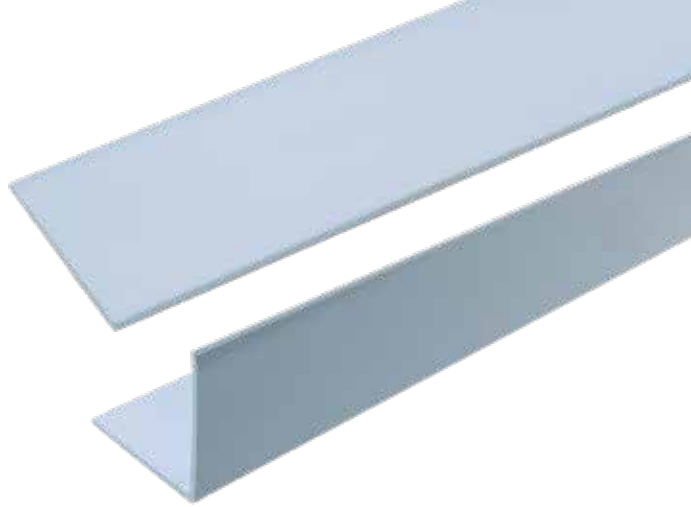
It is recommended that chemical anchoring is made with polyurethane type polymers, or if the swimming pool is well levelled, any of the **RENOLIT ALKORGLUE** solutions can be used.

This mounting fulfils 2 functions: helping the installer anchor the colaminate to the wall while creating a barrier stopping exterior water filtering between the membrane and the structure.

MECHANICAL ANCHORING APPLICATION

Mechanical anchoring application is done with fischer type rawlplugs with flange and stainless or galvanised bits. Once the profile is mounted around the whole of the upper part of the pool shell perimeter, the geotextile is placed just below it (recommended) and the two are joined with an aluminium tape to protect the geotextile from the heat of the welding.

Once the geotextile is placed on the wall, the membrane can be installed, first by anchoring it with heat spots every 50 cm, so that it remains upright and facilitates the subsequent welding over the whole profile surface.



FITTING THE POOL FIXINGS

The PVC laminated hung is a 0.63 mm-thick Sendzimir zinc coated sheet in Adriatic blue which is specifically for fixing by heat welding. It is oven treated at high temperatures and fully lined. This profile has a highly resistant and durable 0.80 mm **RENOLIT ALKORPLAN** PVC membrane laminated to it.

PVC LAMINATE

Particularly suitable for fixing reinforced membrane in existing pools for renovation or for pools where the horizontal surfaces are uneven or have irregularities.

LAMINATE 90° ANGLE PROFILE

A Fixing with a 90° angle, suitable for new pools where the coping has not been fixed or for renovations where the crown can be removed and its upper surface of the pool structure is completely smooth.

LAMINATE

REFERENCE	DESCRIPTION	THICKNESS (mm)	WIDTH (cm)	LENGTH (m)	PACKAGING
81170022	PVC Laminate	1.4	5	2	Unit
81170042	Laminate 90° angle profile	1.4	4,5 x 4,5	2	Unit
81170002	Laminate	1.4	100	2	30

APPLICATION IN NEW POOLS

In new construction, provided the top part of the pool edge has no imperfections and is at 90° to the wall, the PVC laminated hung 90° angle profile can be used, which will then be hidden under the coping stone.



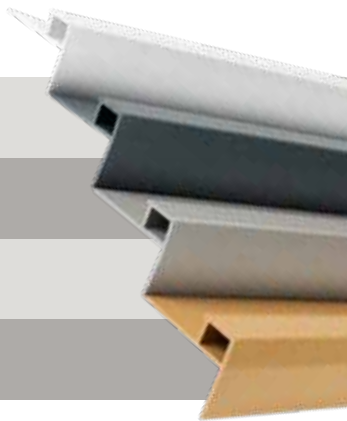
APPLICATION IN RENOVATIONS

In renovations, so as to avoid the need to remove the coping stone, the standard colaminated profile is used if the wall is uniform, or the colaminated plate if the wall is of an irregular shape.



PVC P-PROFILE

REFERENCE	DESCRIPTION	COLOUR	THICKNESS (mm)	LENGTH (m²)	PACKAGING
81170201	PVC P-Profile	White	1.4	2	10
81170202	PVC P-Profile	Beige	1.4	2	10
81170203	PVC P-Profile	Anthracite	1.4	2	10
81170204	PVC P-Profile	Light Grey	1.4	2	10



HUNG, RIGID PVC OR ALUMINIUM PROFILE FIXING SYSTEM

The hung system is an extruded PVC or aluminium anchorage that allows the mounting of the lining around the perimeter of the swimming-pool without the need for the colaminated profile. The main advantages of this system over the colaminated profile are a smother appearance and the ease of membrane removal in the event of refurbishment or substitution.

The extrusion is embedded between the wall and the coping, and normally, in countries where it is popular, tends to be installed directly in new-build swimming-pools, so when it comes to carrying out refurbishments, this type of anchorage is often found already fitted.

This fixing system is suitable for both 1.50 mm reinforced membranes and 0.75 mm liners

9MM RENOLIT ALKORPLUS STRIP

9 mm wide and 1.5 mm thick band, made of the same materials as the **RENOLIT ALKORPLAN** reinforced membrane, and with the same resistance and adhesion properties. It is used as anchorage in reinforced membrane installation in swimming-pools together with rigid PVC profile, French profile or aluminium hung.



REFERENCE	DESCRIPTION	COLOR	THICKNESS (mm)	WIDTH (cm)	LENGTH (m)	PACKAGING
81048001	9mm strip	White	1.5	9	25	20

PRODUCT APPLICATION

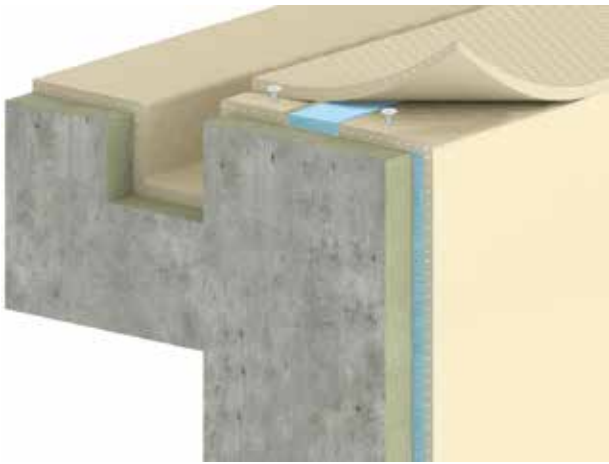
The membrane to be fixed must be placed face down, always ensuring that it is stretched over a surface free from items that could damage or dirty it. Hold the strip in one hand, passing it just under the roller and progressively apply heat with the welding tool by sliding the roller little by little until the strip is entirely welded to the end to be fixed.

Once the strip has been welded to the membrane, insert it into the hung system slot so that the two fit together and the reinforced membrane is fixed to the pool perimeter once it is full of water. To unfasten the membrane, you simply need to empty the pool and push the membrane upwards slightly and it will come free.



INFINITY POOLS AND OVERFLOW CHANNEL

When dealing with a public or private swimming pool with an overflow channel or an "infinity" style pool, there are numerous ways to anchor the membrane and each installer uses their own methods. The **RENOLIT ALKORPLAN** recommendation is to use the membrane itself as if it were a right-angled colaminated profile. With this system it is necessary to mount the membrane to the top of the wall chemically and mechanically to ensure optimal anchorage.



MEMBRANE MOUNTING

The membrane is mounted directly to the support with **RENOLIT ALKORGLUE**. **RENOLIT ALKORPLUS** expansion rivets are used on cement structures; and aluminium rivets are employed on steel structures.

These systems ensure that the membrane remains secure even with heavy bathing loads.

IMPORTANT ADVICE

To avoid subsequent problems in use, ensure that the overflow in infinity pools is completely level. An uneven channel will not drain correctly, causing problems for the pool owner.

CHANNEL LINING

With regard to the channel lining, to avoid welds in difficult places and the high leak risk, fitting the laminate as a single piece is recommended, gluing it with **RENOLIT ALKORGLUE** Contact Glue in phases to facilitate the handling of the laminate:

First, glue the entire channel and then the membrane, but not completely. You must first glue one side and set it on the wall, applying pressure so that it adheres well, then glue the area that will go in the bottom of the channel, repeating the operation, and lastly the remaining wall.

If you do not do it like this, you run the risk that it does not adhere well.

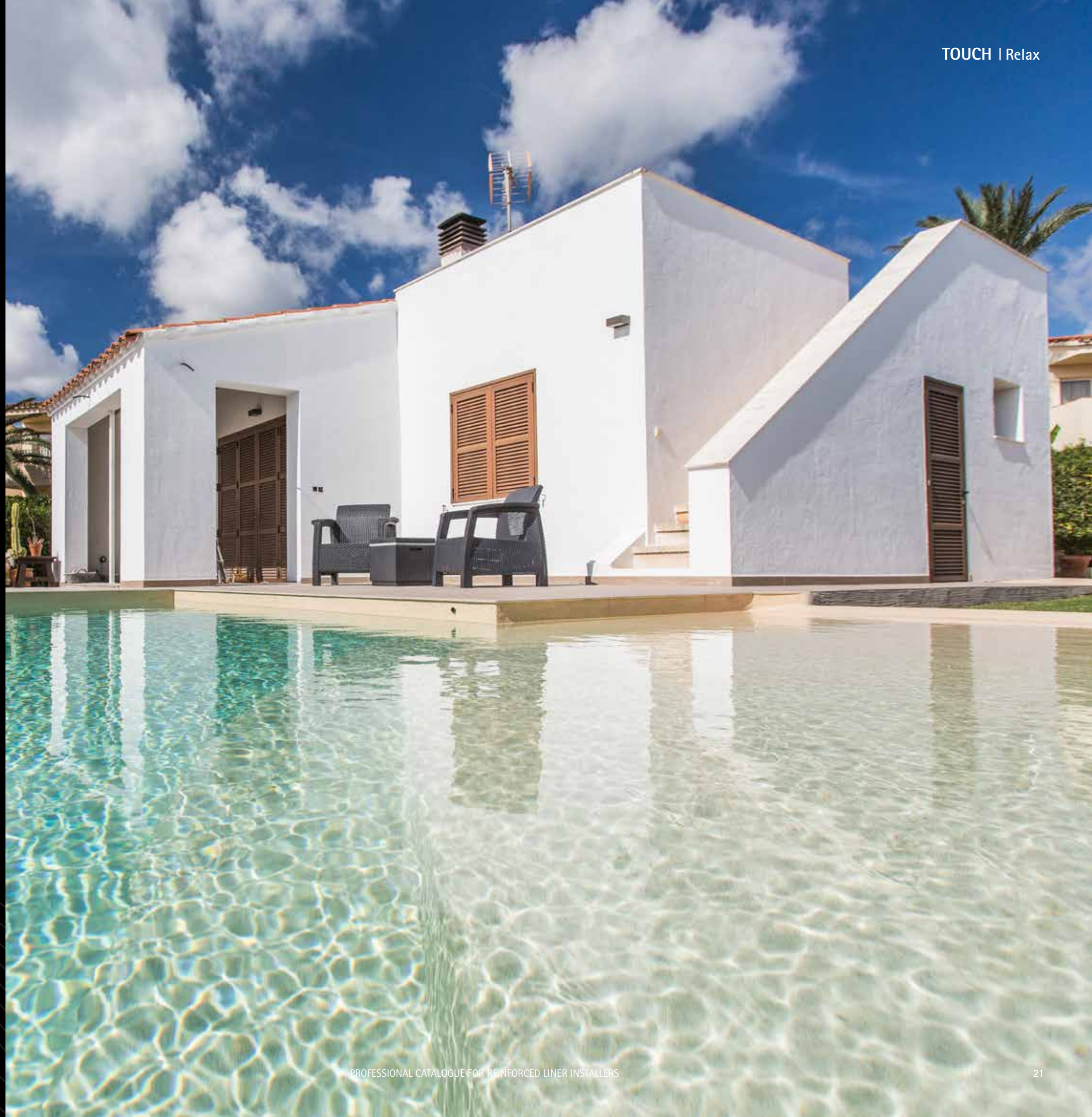


3

TOUCH | Relax

GLUES AND ADHESIVES

SWIMMING POOL LINING:
STEP BY STEP



RENOLIT ALKORPLAN GLUES AND ADHESIVES

RENOLIT ALKORPLAN is aware of professionals' needs when installing the **RENOLIT ALKORPLAN** reinforced membrane, and it thus offers 3 different types of adhesives for the various cases that a swimming pool may require.

	THERMO-ADHESIVE	CONTACT GLUE	ZERO SOLVENTS	ALKORSPRAY GLUE	
REFERENCE	81043002	81045001 and 81045002	81046001	81047001 and 81047002	
FORMAT	5 litres	5 litres and 20 litres	20 litres	500ml and 22 litres	
TOLUENE	✗	✗	✗	✗	
DILUTABLE	✗	The solution are made in separate clean containers	The solution are made in separate clean containers	✗	
REACTIVATED BY HEAT	✓	✓	✗	✗	
SIDES TO APPLY	Support	Support and laminate	Support	Support	
OPTIMAL APPLICATION TOOL	Lacquer roller	Lacquer roller	Porous foam roller	Spray gun	
SUPPORT TYPE	Dry	Dry	Dry / Wet	Dry	
SMOOTH SURFACE PERFORMANCE (GUIDE)	150 gr/m2	300 gr/m2	-	80 gr/m2	
IDEAL USE	Stairs or corners which are wet for specific jobs which may require it	General multipurpose adhesive with a drying time and ideal for gluing swimming pool walls and large surfaces.	Specific for polystyrene supports and for gluing geotextile materials to the support.	Versatile adhesive for bonding geotextile to all surfaces, including all types of polystyrene. Also bonds polystyrene blocks when applied on both sides	
DRYING TIME	5 minutes	Between 5 and 10 minutes	10 minutes (with relative humidity 50/60%)	2-3 minutes	
CONSERVATION	Cool and dry place	Cool and dry place	Cool and dry place	Cool and dry place	
DANGEROUS GOODS	Yes	Yes	No	Yes	

RENOLIT ALKORGLUE NITRILE RUBBER BASED THERMO-ADHESIVE

RENOLIT ALKORGLUE is a toluene-free, Nitrile Rubber based glue. The volatile solvent make is quick-drying and it has high resistance to water, ageing and plasticisers.

These factors make it especially suitable for mounting the membrane on cement and mortar, and on stairs and corners even when damp. It has the added advantage of being reactivated by a hot-air welder, for those occasions when the membrane has been left open for long periods.

It is ideal for stairs and aesthetically sensitive areas, as it does not produce air bubbles that are unsightly and prevent complete adhesion.

The quick-drying and reactivating properties make it the most suitable product for those occasions when speed of installation is necessary or when completing areas that have been left unfinished.



REFERENCE	DESCRIPTION	COLOR	CONTENTS (IT.)	PACKAGING
81043002	Thermo-adhesive	Whiteish	5	1 drum

The adhesive should be applied at approximately 300gr/m2 (150 g/m2 on each substrate).

PRODUCT APPLICATION

FOR ANCHORAGES

The glue must only be applied to the support. The surface must be free from dust and impurities. Once the glue is dry, the reinforced membrane is placed on top and heat is applied to both with a hot-air gun.

FOR MOUNTING THE MEMBRANE ON STAIRS

The glue is applied only to the structure with a roller. The surface must be free from dust and any other debris. This glue dries very quickly (2 to 5 minutes) so do not delay contact between the two elements for long.

The glue must not be applied on the overlap where thermo-fusion will later take place, since it will hinder homogeneous welding.



RENOLIT ALKORGLUE CONTACT GLUE

The **RENOLIT ALKORGLUE 81045001** glue is a neoprene based contact adhesive. It is toluene-free and environmentally friendly. It will form a perfect bond between ALKORPLAN pool liner membrane, and geotextile 81006 to metal, wood, rigid PVC, concrete and other surfaces. It is not suitable for use in contact with expanded polystyrene.

RENOLIT ALKORGLUE 81045002 for pools is a highly versatile contact adhesive suitable as a general purpose adhesive for the installation of reinforced membrane and other accessories such as geotextile. Unlike many equivalent industrial-use contact glues, it is Toluene-free. It is a ready-to-use product and does not require additional solvents. Utensils should be cleaned with acetone or THF solvents for metallic elements.



REFERENCE	DESCRIPTION	COLOR	CONTENTS (KG.)	PACKAGING
81045001	Contact glue	Yellowish	5	1 drum
81045002	Contact glue	Yellowish	20	1 drum

PRODUCT APPLICATION

Stir/mix the adhesive before use. Apply to both surfaces to be joined using a spatula, brush or roller. You must wait for the glue to completely dry - when touching it does not raise "strands"-, before sticking the two surfaces.

From that moment you have 30-60 minutes to proceed with the union of the surfaces, depending on ambient temperature and relative humidity. Apply uniform pressure over the whole surface to be glued. The slow drying of this glue allows small corrections to be made during the installation of the reinforced laminate.

Once the 30-60 minutes have passed, it will no longer be possible to make any more corrections. You must not apply the contact glue on the overlap where thermo-fusion will later take place since this will hinder a homogeneous weld. If the product accidentally stains the visible face of the laminate, it can be removed without the use of solvents.



RENOLIT ALKORGLUE ZERO SOLVENTS

Multipurpose glue free of organic solvents suitable for not damaging sensitive materials like geotextile fleece or polystyrene. Thanks to being in an aqueous suspension, it can be used as a wet, semi-wet or contact glue. It is non-flammable.

REFERENCE	DESCRIPTION	COLOR	CONTENTS (KG.)	PACKAGING
81046001	Zero Solvents	Beige	20	1 drum



PRODUCT APPLICATION

The glue will always be applied with a spatula, the teeth of the spatula will depend on the support material. It can be applied indifferently on one or both sides.

Once the adhesive has been applied, it will take about 45 minutes to install the geotextile or the liner on the substrate. Once it is in place, it is recommended to press with a pressure roller on the surface to eliminate the adhesive grooves produced by the spatula to prevent air pockets. Stains or traces of wet adhesive can be removed with water.

RENOLIT ALKORGLUE POLYURETHANE

Two-component polyurethane adhesive, free of water and solvents, for fixing the Butt-Welding Backing Strip, ensuring a firm and durable mechanical anchoring. The adhesive must always be applied with a B-3 notched trowel. Working time: approximately 30 minutes. Consumption: 1.00–1.20 kg/m². Once the adhesive has been applied, a few minutes will be available to install the end strip onto the substrate.

REFERENCE	DESCRIPTION	COLOR	CONTENTS (KG.)	PACKAGING
81046002	RENOLIT Alkorglue Polyurethane	Brown	6.75	1 drum



RENOLIT ALKORSPRAY GLUE – SPRAY ADHESIVE FOR GEOTEXTILE

RENOLIT ALKORSPRAY Glue has been developed to simplify and shorten the time required to install antibacterial geotextile in swimming pools. Its formulation is perfectly compatible with all types of polystyrene. It is resistant to moisture and has a very wide temperature range under which it can be applied. With extremely fast adhesion the product provides an almost instant bond and high mechanical resistance. The spray system considerably reduces application time. This system consists of an application gun (81047003) and a hose or connection fitting (81047004). These two accessories only need to be purchased once.

It is designed for quick and efficient application, significantly boosting your productivity. This versatile adhesive bonds geotextile to all surfaces, including all types of polystyrene, ensuring strong and lasting adhesion.

The strength of this formulation and its specific solvent, which does not attack polystyrene, allow you to permanently bond polystyrene blocks together, when a double-sided application is used.

REFERENCE	DESCRIPTION	COLOR	CONTENTS (KG.)	PACKAGING
81047001	ALKORSPRAY GLUE	Clear	500ml	1 aerosol
81047002	ALKORSPRAY GLUE	Clear	22L	1 canister

The adhesive should be applied at approximately 80gr/m2

PRODUCT APPLICATION

ALKORSPRAY Glue is applied in a single layer on the support, covering at least 80% of the surface. Ensure surfaces are dry and clean, once applied, wait 1–3 minutes before assembling the materials. For porous or sensitive areas (such as corners or wall-floor junctions), a second layer is recommended once the first has dried.

Press the geotextile firmly over the entire surface to ensure strong adhesion. Full adhesive strength develops in 24 hours. When bonding polystyrene blocks, apply adhesive to both surfaces.

Important: For best results, apply at 15°C or higher.

PRODUCT APPLICATION

ALKORSPRAY Glue is applied to the support, whether polystyrene or not, in a single layer. At least 80% of the surface must be covered. It is important that the surfaces to be bonded are dry and clean. The surfaces must not be wet or dampened beforehand.

You can apply the geotextile with the glue still wet. You can also wait 1 to 3 minutes until it is dry to the touch and then join the materials. For porous surfaces and areas that are difficult to access (for example, in corners or where walls and floors meet) it is highly recommended to apply a second layer of adhesive as soon as the first layer has dried.

Assemble the elements by pressing the geotextile into the entire surface, to ensure good adhesion. It develops full adhesive strength in 24 hours.



RENOLIT ALKORSPRAY GLUE – SPRAY ADHESIVE FOR GEOTEXTILE

Type 81047002 (22 liters) + 81047003 + 81047004

RENOLIT ALKORSPRAY Glue has been developed to simplify and shorten the time required to install antibacterial geotextile in swimming pools. Its formulation is perfectly compatible with expanded polystyrene. It is resistant to moisture and has a very wide temperature range under which it can be applied. The product has practically instant adhesion, as well as high mechanical resistance.

The spray system considerably reduces application time. This system consists of an application gun/ Air Brush (81047003) and a hose or connection fitting (81047004). This system also optimizes the amount of product to be applied, thus increasing performance. These two accessories only need to be purchased once.

To assemble 2 polystyrene blocks together it will be necessary to apply the adhesive on the 2 surfaces.

Important: The best bonding results are obtained at a room temperature of approximately 15°C.

Make sure that all surfaces to be bonded are clean, dry and free from dust, oil/grease and solvents before spraying glue. ALWAYS carry out a test before applying the product to ensure suitability. This product has NOT been developed for anchoring the film to the backing. Specific adhesives for this are already available in the RENOLIT catalogue.

PRESENTATION:

22L bottle protected by a cardboard box, ready for use.



SHELF LIFE:

36 months.

STORAGE:

Do not store the product directly on a cement and concrete surface and do not expose it to temperatures above 50°C.

FOR MORE INFORMATION:

Please refer to the safety data sheet. ALKORSPRAY Glue adhesive is guaranteed for 36 months from the date of manufacture. Protect the product from low temperatures.

This is an extremely flammable product. Keep the product away from any source of heat/sparks/flame/hot surface. Do not smoke near it, and never spray it towards a flame or any other source of heat.

This is a pressurized container: Do not puncture or burn it even after use. Read the safety data sheet and the precautions for use carefully. Dispose of the container/bottle in accordance with current national regulations.

TECHNICAL INFORMATION

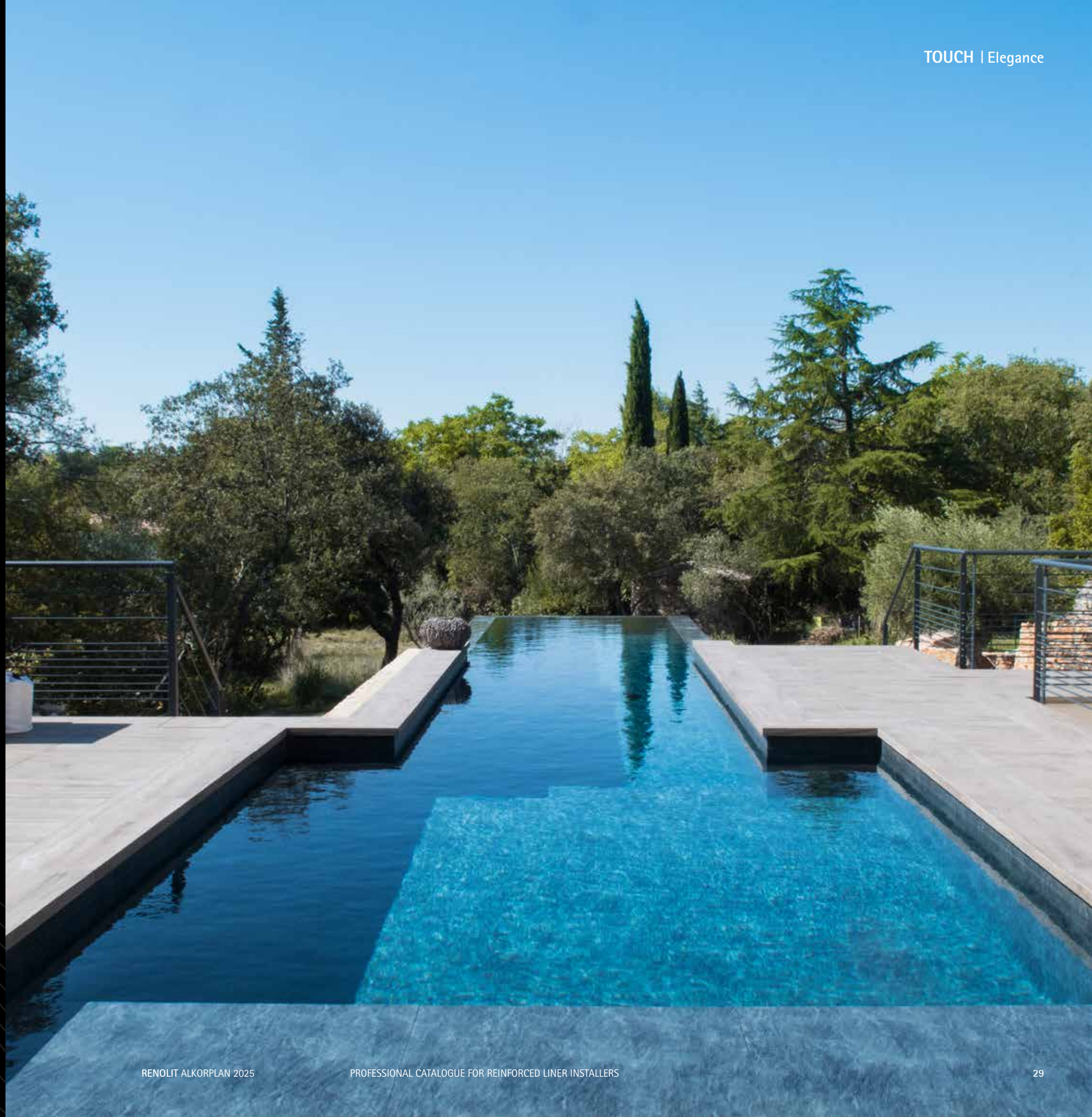
Base: Synthetic Polymer
Color: Transparent
Viscosity: 340 mPa·s
Solid Content: Approx. 35%
Density: 0,73 +/- 0,04 g/cm³
Flash Point: - 43°C
Drying Time: From 2 to 3 minutes
Performance (for 22 liters): 140 m² (About 2 or 3 private pools)

4

TOUCH | Elegance

GEOTEXTILE USE

SWIMMING POOL LINING:
STEP BY STEP



THE IMPORTANCE OF GEOTEXTILE USE

RENOLIT ALKORPLAN geotextile is an inert blue polypropylene 400/ grm2 mesh, exclusive to **RENOLIT**. It is made of fungicide treated synthetic fibres whose main value is mechanical resistance to perforation and traction.

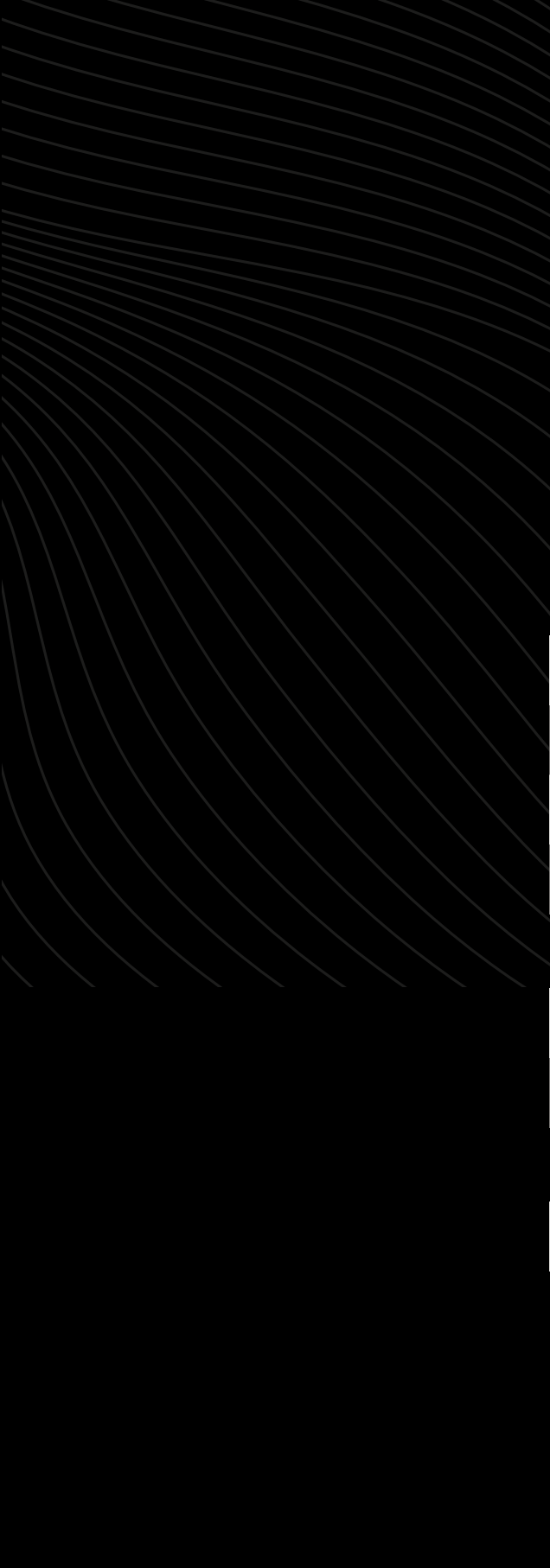
It is mainly used as separation between the swimming pool shell and the **RENOLIT ALKORPLAN** reinforced membrane.

Its main function is to protect the lining from erosion caused by the structure, thus lengthening the life of the reinforced membrane.

WHY IS THE USE OF RENOLIT ALKORPLAN GEOTEXTILE ALSO RECOMMENDED?

- Thanks to its fungicidal treatment, it avoids the proliferation of microorganisms between the reinforced membrane and the pool shell caused by the moisture of the ground or the pre-existence of organic elements, and thus the risk of transferral to the swimming pool water.
- Visually softens possible irregularities in the support.
- Adds comfort to the bathers steps.
- Acts as a heat insulator keeping the cold or the heat in the pool for longer, gaining up to 2 degrees.

Its use is highly recommended, especially if the pool is going to have a smooth coloured reinforced membrane installed as it reduces irregularities in the support.



RENOLIT ALKORPLAN FUNGICIDAL GEOTEXTILE

400 gm light blue polypropylene geotextile felt, treated with natural anti-bacterial additives of metallic-ion, for a continuous anti-bacterial action.

It is used as a protective layer between the **RENOLIT ALKORPLAN** membrane and the swimming pool surface, avoiding the proliferation of bacteria, fungus and microorganisms, and reducing the relief of irregular surfaces that the swimming pool may have before applying the laminate.

It gives a much more agreeable sensation for the bather when they walk on the membrane.



Fungicidal Geotextile PP

REFERENCE	DESCRIPTION	RAW MATERIAL	COLOR	WIDTH (m)	LENGHT (m)	WEIGHT (g/m2)
81006005*	Fungicidal Geotextile PP	Polypropylene	Light Blue	1,50	50	400
81006006	Fungicidal Geotextile PP	Polypropylene	Light Blue	1,65	50	400
81006007	Fungicidal Geotextile PP	Polypropylene	Light Blue	2,00	50	400
81006011*	Geotextile PP (Decking)	Polypropylene	Sand	1,50	50	300

REFERENCE	DESCRIPTION	RAW MATERIAL	COLOR	WIDTH (m)	LENGHT (m)	WEIGHT (g/m2)
81006024	Non Fungicidal Geotextile PP without thermal treatment	Polypropylene	White	1,65	50	350
81006025	Non Fungicidal Geotextile PP without thermal treatment	Polypropylene	White	2,00	50	350

REFERENCE	DESCRIPTION	THICKNESS	COLOR	WIDTH (m)	LENGHT (m)	PACKAGING
81113T20	Butt Welding Backing Strip	1.5	Dark Grey	0,15	20	400

* Specifically for butt welding by its width of 1,50 m.



Geotextile PP (Decking)



Butt Welding Backing Strip



TOUCH | Sublime



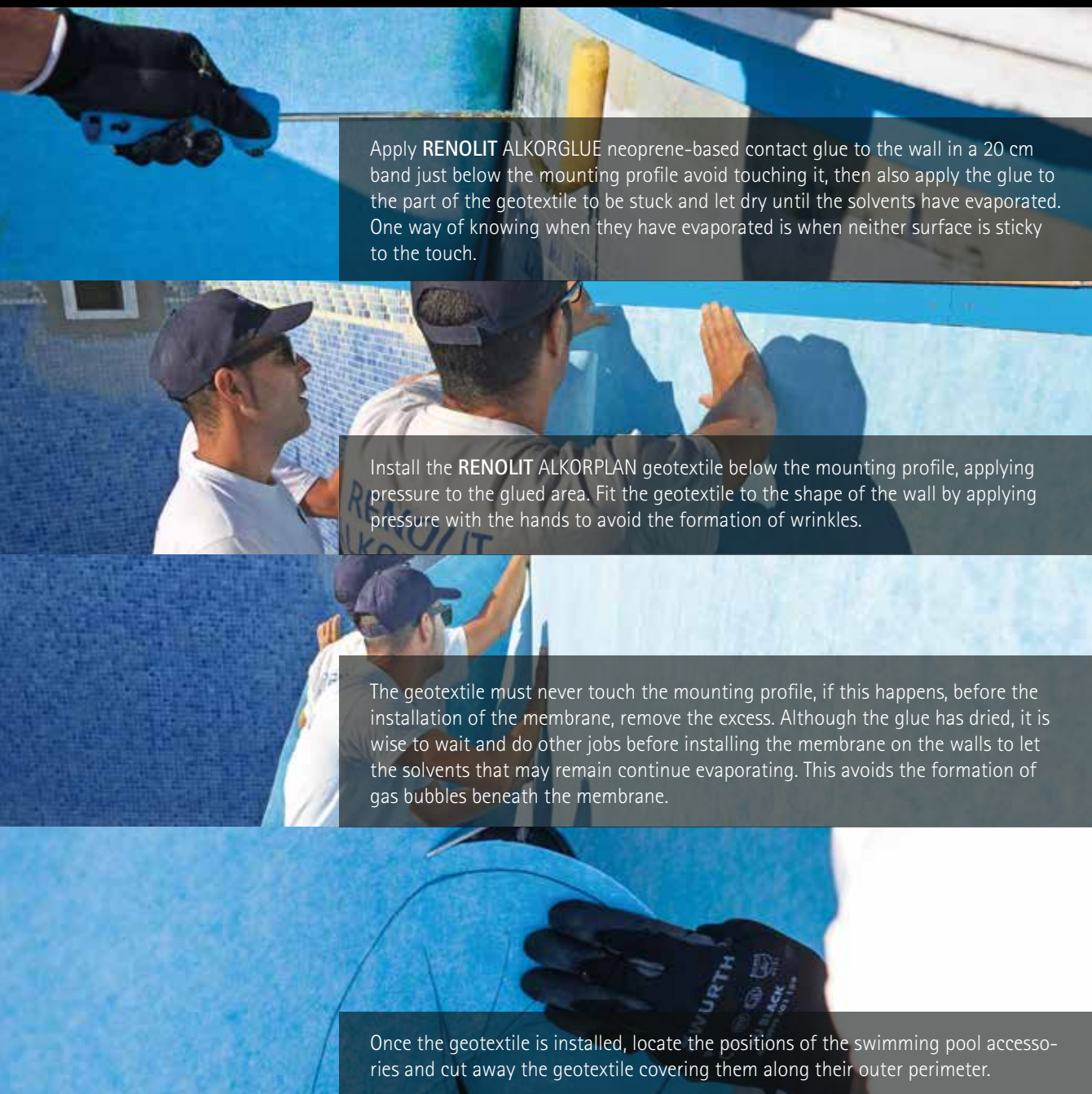
NOT ALL GEOTEXTILES ARE THE SAME

Only the **RENOLIT ALKORPLAN** geotextile avoids the proliferation of fungus on both walls and bottom, and thus, protects the reinforced membrane.

You'll recognize the **RENOLIT ALKORPLAN** fungicidal geotextile because of its unique blue colour and because the **RENOLIT ALKORPLAN** brand is stamped on it. Don't get confused!

RENOLIT recommends the use of the fungicidal geotextile **RENOLIT ALKORPLAN** not only for the stains prevention, for the reduction of defects that may the structure have, or for the comfort of the swimmer in his step, but specially to add more value to a swimming pool.

APPLICATION OF RENOLIT ALKORPLAN GEOTEXTILE ON THE WALLS

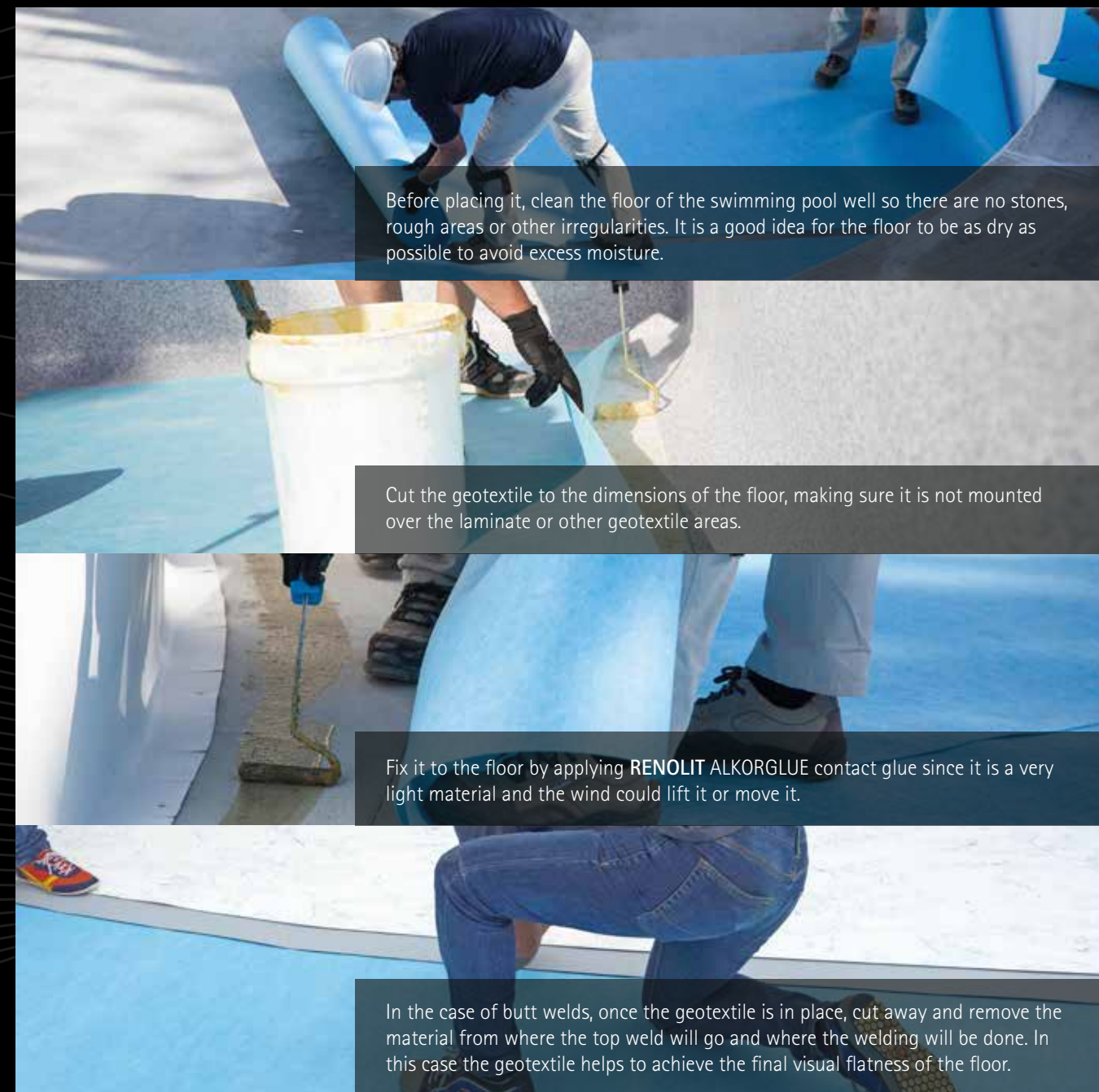


ADVICE

To avoid burning when welding the membrane, because of its proximity to the heat, fixing a strip of adhesive aluminium tape is recommended in the area that will have direct contact with the welding gun.



APPLICATION OF RENOLIT ALKORPLAN GEOTEXTILE ON THE FLOOR



ADVICE

Once the geotextile is fitted on the floor, immediately fit the membrane on top to avoid any organic element or wind-borne dirt getting back into the pool shell and having to sweep or vacuum again, or it could rain and wet the felt.

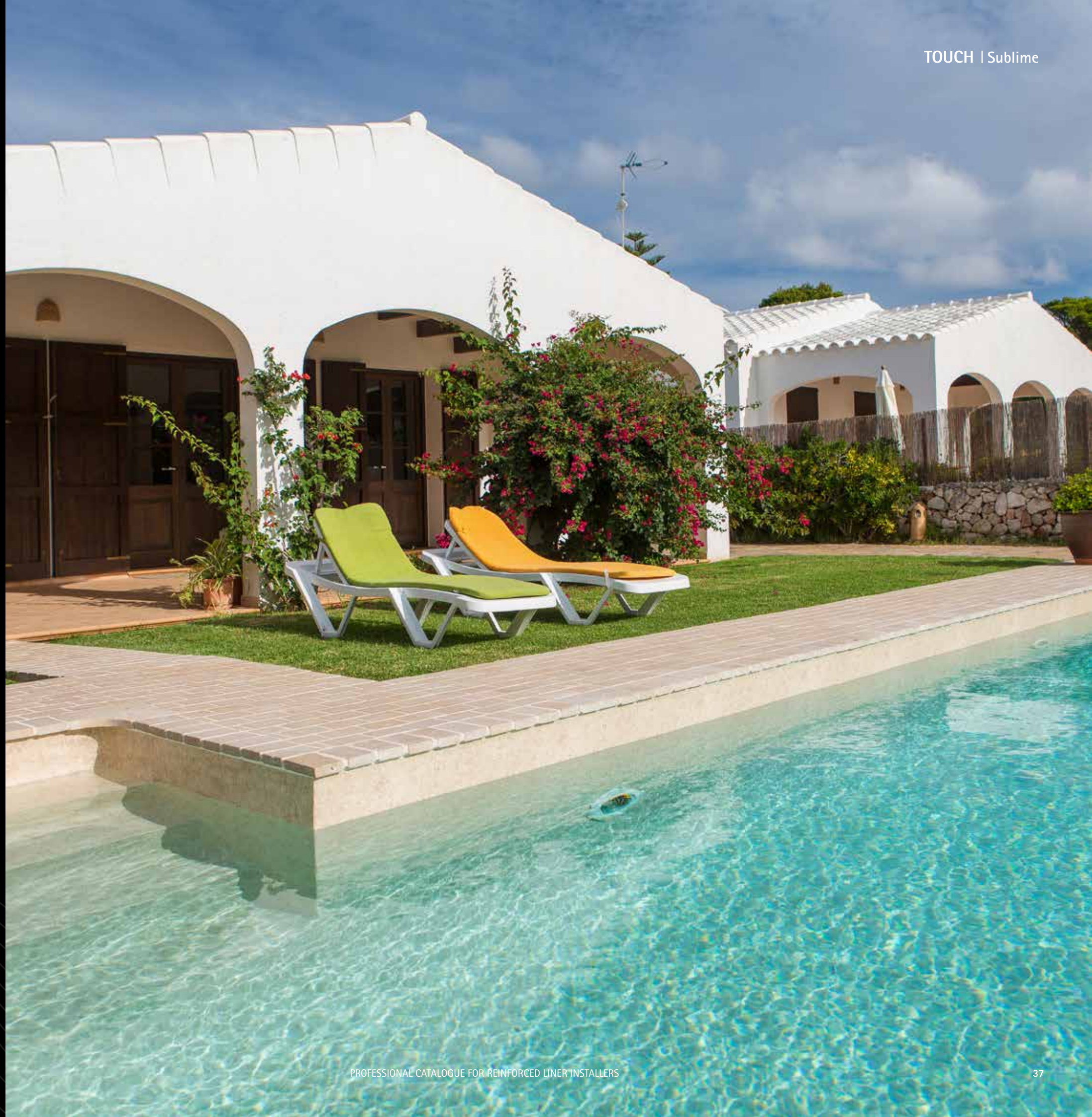


5

RENOLIT ALKORPLAN REINFORCED MEMBRANE

SWIMMING POOL LINING:
STEP BY STEP

TOUCH | Sublime

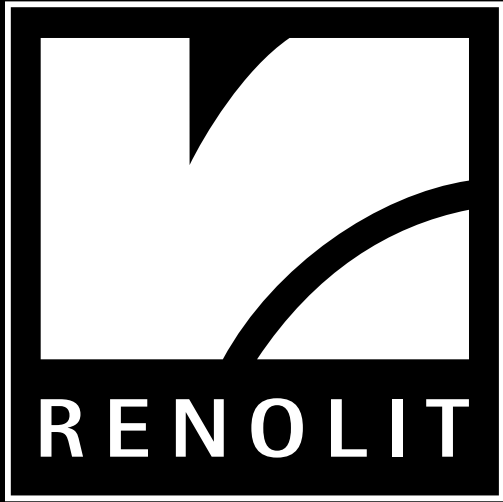


The **RENOLIT** ALKORPLAN reinforced membrane is not just a watertight liner for a swimming pool, it is also the most visible and striking feature, and as such, choosing a particular colour or design completely changes the aesthetic appearance of the swimming pool and the colour of the water, so it becomes a decisive and fundamental element for the pool owner.

RENOLIT offers a wide range of linings and options, suited both to the aesthetic requirements and the most technical demands of resistance and durability.

All the reinforced laminates for swimming pool linings that we offer in this catalogue are manufactured with virgin raw materials, high quality pigments and non-volatile stabilisers, and of course, everything is lacquered and with the **RENOLIT** guarantee!

These are the different product ranges you can choose from:



Rely on it.

3D RELIEF

The PVC laminated hung is a 0.63 mm-thick Sendzimir zinc coated sheet in Adriatic blue which is specifically for fixing by heat welding.It
IN THE POOL

TOUCH

Collection

2 mm reinforced laminate, printed and with relief, inspired by nature to give character and personality to swimming pools.

VOGUE

Collection

NEW 2026

2 mm reinforced laminate, printed and with relief, inspired in interior design and trends.

CERAMICS EVOLVE

Collection

NEW 2026

2 mm reinforced laminate, printed and with relief, inspired in ceramics trends.

RELIEF

Collection

Lacquered, single colour, 1.8 mm reinforced membrane with relief, highly resistant pigments and durable plasticisers, designed to last in a swimming pool.

ALIVE

Collection

This 1.65mm reinforced membrane is a reminder that life is made up of special moments, and each one deserves to be celebrated.

KOLOS

Collection

This 1,5mm reinforced membrane is designed for high-traffic pools. KOLOS stands for resilience, setting new industry standards with unmatched durability and resistance.

AROUND THE POOL

DECKING

SOLID Collection

2 mm reinforced membrane, it provides a waterproof and slip-resistant surface that requires minimal maintenance and will last for many seasons.

WITHOUT RELIEF

The PVC laminated hung is a 0.63 mm-thick Sendzimir zinc coated sheet in Adriatic blue which is specifically for fixing by heat welding.It

3000

Collection

Double-lacquered printed 1.5 mm reinforced laminate available in exclusive designs to decorate at the same time as waterproof.

2000

Collection

Lacquered 1.5 mm single colour reinforced laminate, with highly resistant pigments and durable plasticisers designed to last in a swimming pool.

NATURAL POOL

Collection

1.5 mm single colour reinforced laminate specifically for biopools. Without fungicidal treatment, suitable for pools containing plants or animals.

TOUCH

Collection



2mm

Thickness



Class C (≥ 24°)

under DIN-EN 16165 A



Class 3 (>45°)

under UNE-EN 16165 C



Passes ANSI

A326.3 (≥0,42)



Security membranes

under EN71-3 safety for toys

RENOLIT ALKORPLAN TOUCH

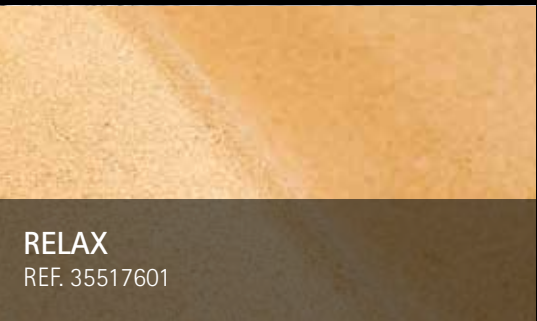
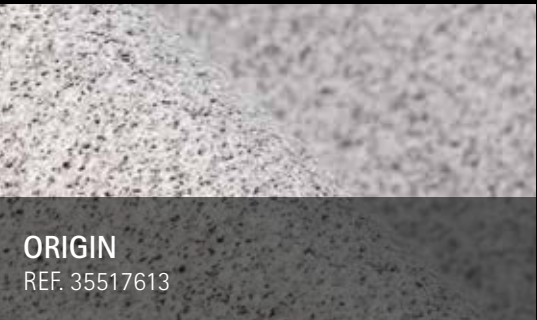
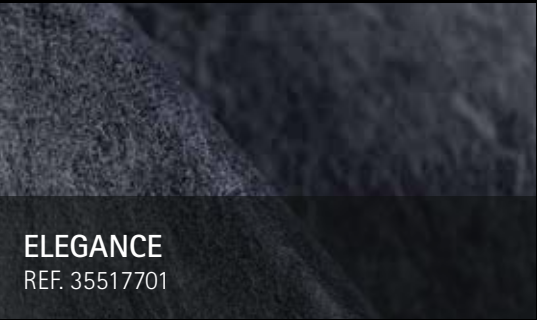
TOUCH collection is a PVC reinforced membrane of 2mm thickness. It is the strongest and most resistant on the market and has a natural finish. TOUCH collection has exclusive prints and a 3D embossing that makes them unique, tactile, and visually exciting.

The big difference between TOUCH and the rest of the reinforced membranes on the market is its thickness, at 2 mm. This makes it the strongest and most durable out there. The other big difference from what is currently on the market is its great appeal. TOUCH collection was the first pvc reinforced membrane that introduced a relief 10 years ago and became the trend setter of the market. In addition to that, the designs were inspired by natural, mineral stones such as granite, slate or sand.

TECHNICAL SPECIFICATIONS	LENGTH (m)	WIDTH (m)	THICKNESS (mm)	WEIGHT OF ROLL (kg)	PACKAGING (rolls x pallet)
Touch	25	1,65	2	97 KG/roll	8



TOUCH PRODUCTS



RecyClass

17%

RECYCLED PLASTIC

GUARANTEE

Guarantee

15

Years

15 years of Watertightness

Guarantee

3

Years

3 years of Anti-stain

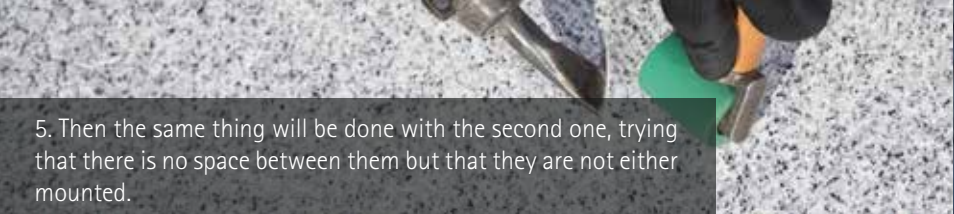
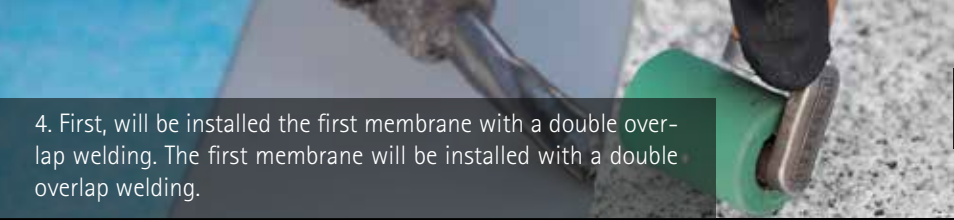
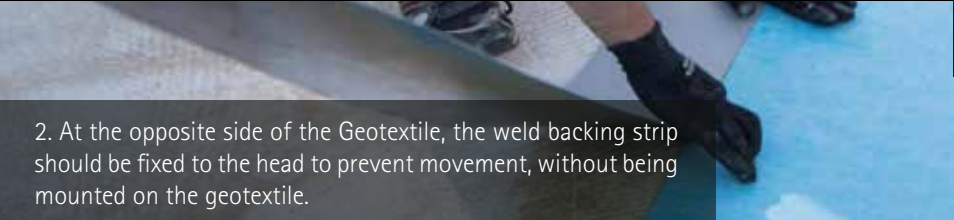
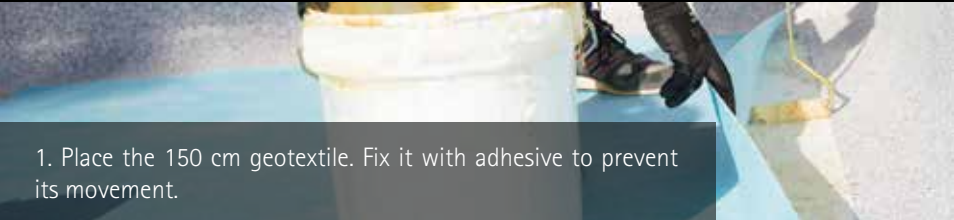
BUTT WELDING

In our range of 2 mm thick, it is possible to make a weld that only aims to improve the aesthetics of the finish. It is the famous Butt Welding. This does not mean that these membranes cannot be welded by overlap, like any traditional membrane, but as we say, for aesthetic reasons we recommend it exclusively for the floor area, which is the most visible: Recommended for collections TOUCH, VOGUE, ALIVE and RELIEF.

For vertical walls, we recommend use 2mm collections, the traditional overlap welding.

Butt welding is not mandatory, in fact many installers do not do it and there is no problem in this, as making a traditional overlap weld does not in any way affect the watertightness of the membrane.

ELEMENTS AND BUTT WELDING STEPS TO FOLLOW



BUTT WELD BACKING STRIP

A strip of membrane for backing butt welds. Butt welds are recommended for TOUCH pool floors to give an impeccable visual finish. Used in conjunction with a recess cut into the geotextile it will give a flat finish which will provide a more enjoyable sensation for bathers when walking on the floor.



REFERENCE	DESCRIPTION	THICKNESS (mm)	WIDTH (cm)	LENGTH (m)	Colour	PACKAGING (rolls x pallet)
81113T20	Butt weld backing strip	1.5	15	20	Dark Grey	72

RENOLIT ALKORPLAN FUNGICIDAL GEOTEXTILE

Polypropylene felt of 400 gr, with the same thickness under water of the Butt weld backing strip. The purpose of its use is to get a flat finish and to avoid any element marked under the membrane. The width of 1.50 m is specific for butt welding.



REFERENCE	DESCRIPTION	RAW MATERIAL	WIDTH (m)	LENGHT (m)	Colour	WEIGHT (g/m2)
81006005	Fungicidal Geotextile	Polypropylene	1.50	50	Light Blue	400

RENOLIT ALKORGLUE ZERO SOLVENTS

Multipurpose glue free of organic solvents suitable for not damaging sensitive materials like geotextile fleece or polystyrene. Thanks to being in an aqueous suspension, it can be used as a wet, semi-wet or contact glue. It is non-flammable.



REFERENCE	DESCRIPTION	COLOR	CONTENTS (KG.)	PACKAGING
81046001	RENOLIT ALKORGLUE Zero Solvents	Beige	20	1 drum



OTHER TOUCH ACCESSORIES

RENOLIT ALKORGLUE NEOPRENE-BASED CONTACT GLUE

The **RENOLIT ALKORGLUE** 81045 glue is a neoprene based contact adhesive. It is toluene-free and enviromentally friendly. It will form a perfect bond between ALKORPLAN pool liner membrane, and geotextile 81006 to metal, wood, rigid PVC, concrete and other surfaces. It is not suitable for use in contact with expanded polystirene.



REFERENCE	DESCRIPTION	COLOR	CONTENTS (KG.)	PACKAGING
81045001	RENOLIT ALKORGLUE Neoprene-based contact glue	Yellowish	5	1 drum

81045002	RENOLIT ALKORGLUE Neoprene-based contact glue	Yellowish	20	1 drum
----------	---	-----------	----	--------

TOUCH SEAM SEALER

Liquid PVC specifically for finishing the membrane welds of **RENOLIT ALKORPLAN TOUCH**. Necessary for overlap and butt welds. The color and texture are designed to match the **RENOLIT ALKORPLAN TOUCH** collection and its improved formulation gives it a permanent resistance to fading.



REFERENCE	DESCRIPTION	VOLUME (g/drum)	PACKAGING (n° drums)
81023003	Liquid PVC AUTHENTIC	900	6

81023002	Liquid PVC RELAX	900	6
----------	------------------	-----	---

81023001	Liquid PVC ELEGANCE	900	6
----------	---------------------	-----	---

81023004	Liquid PVC VANITY	900	6
----------	-------------------	-----	---

81023005	Liquid PVC SUBLIME	900	6
----------	--------------------	-----	---

81023006	Liquid PVC PRESTIGE	900	6
----------	---------------------	-----	---

81023007	Liquid PVC ORIGIN	900	6
----------	-------------------	-----	---

A drum of product will seal around 100m²

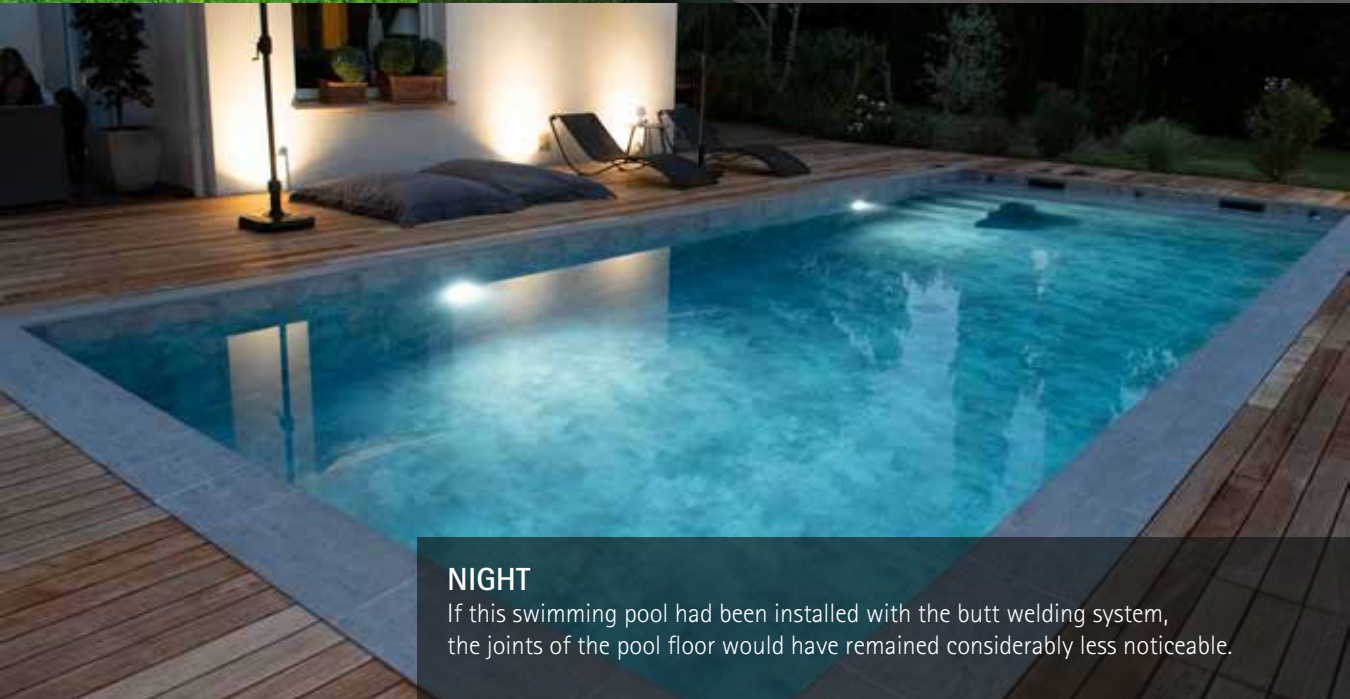
BUTT WELDING

A swimming pool installed with butt welded joints producing a flat pool floor, butt welds make the seams considerably less noticeable.

Swimming pool without butt welding nor geotextile:



DAYTIME
By day and with moving water, the welds are almost unnoticeable.



NIGHT
If this swimming pool had been installed with the butt welding system, the joints of the pool floor would have remained considerably less noticeable.

VOGUE

Collection



2mm



Class C (≥ 24°)
under DIN-EN 16165 A



Class 3 (>45°)
under UNE-EN 16165 C



Passes ANSI
A326.3 (≥0,42)



Security membranes
under EN71-3 safety for toys

RENOLIT ALKORPLAN VOGUE

The **RENOLIT ALKORPLAN VOGUE** collection is the collection of 2 mm pool membranes, of high quality, with the same technical characteristics as the TOUCH collection.

This collection is inspired by interior design and trends and comes with 4 different designs. This year VOGUE collection has 6 reinforced membrane designs, printed and with relief, with class C anti-slip properties, as well as their corresponding liquid PVC's.

TECHNICAL SPECIFICATIONS	LENGTH (m)	WIDTH (m)	THICKNESS (mm)	WEIGHT OF ROLL (kg)	PACKAGING (rolls x pallet)
Vogue	25	1,65	2	97 KG/roll	8



GUARANTEE

Guarantee

15

Years

15 years of Watertightness

Guarantee

3

Years

3 years of Anti-stain

RecyClass

12%

RECYCLED PLASTIC

VOGUE PRODUCTS



URBAN
REF. 35717516



LEGACY
REF. 35717520

NEW 2026



TROPICAL
REF. 35717521



SUMMER
REF. 35717517



VINTAGE
REF. 35717515



NORDIC
REF. 35717519

NEW 2026

VOGUE SEAM SEALER

Liquid PVC specifically for finishing the membrane welds of the **RENOLIT ALKORPLAN VOGUE**. Necessary for overlap and butt welds. The color and texture are designed to match the **RENOLIT ALKORPLAN VOGUE** collection membranes and its improved formulation gives it a permanent resistance to fading.

Remember that Liquid PVC has an aesthetic function and in no case should it replace a weld, which is the only way to ensure watertightness in swimming pools.



REFERENCE	DESCRIPTION	VOLUME (g/drum)	PACKAGING (n° drums)
81020002	Liquid PVC URBAN	900	6
81020006	Liquid PVC LEGACY	900	6
81020004	Liquid PVC TROPICAL	900	6
81020003	Liquid PVC SUMMER	900	6
81020001	Liquid PVC VINTAGE	900	6
81020005	Liquid PVC NORDIC	900	6

CERAMICS EVOLVE

Collection

NEW 2026



2mm

Thickness



Class C (≥ 24°)

under DIN-EN 16165 A



Class 3 (>45°)

under UNE-EN 16165 C



Passes ANSI

A326.3 (≥0,42)



Security membranes

under EN71-3 safety for toys

RENOLIT ALKORPLAN CERAMICS EVOLVE

The **RENOLIT ALKORPLAN CERAMICS EVOLVE** collection is the collection of 2 mm pool membranes, of high quality, with the same technical characteristics as the TOUCH and VOGUE collection. This collection is a reinterpretation of what it means to grow and change and comes with 3 different designs. CERAMICS EVOLVE collection has 3 reinforced membrane designs with relief, with class C anti-slip properties, as well as their corresponding liquid PVC's.

TECHNICAL SPECIFICATIONS	LENGTH (m)	WIDTH (m)	THICKNESS (mm)	WEIGHT OF ROLL (kg)	PACKAGING (rolls x pallet)
Ceramics Evolve	25	1,65	2	97 KG/roll	8



GUARANTEE

Guarantee

15

Years

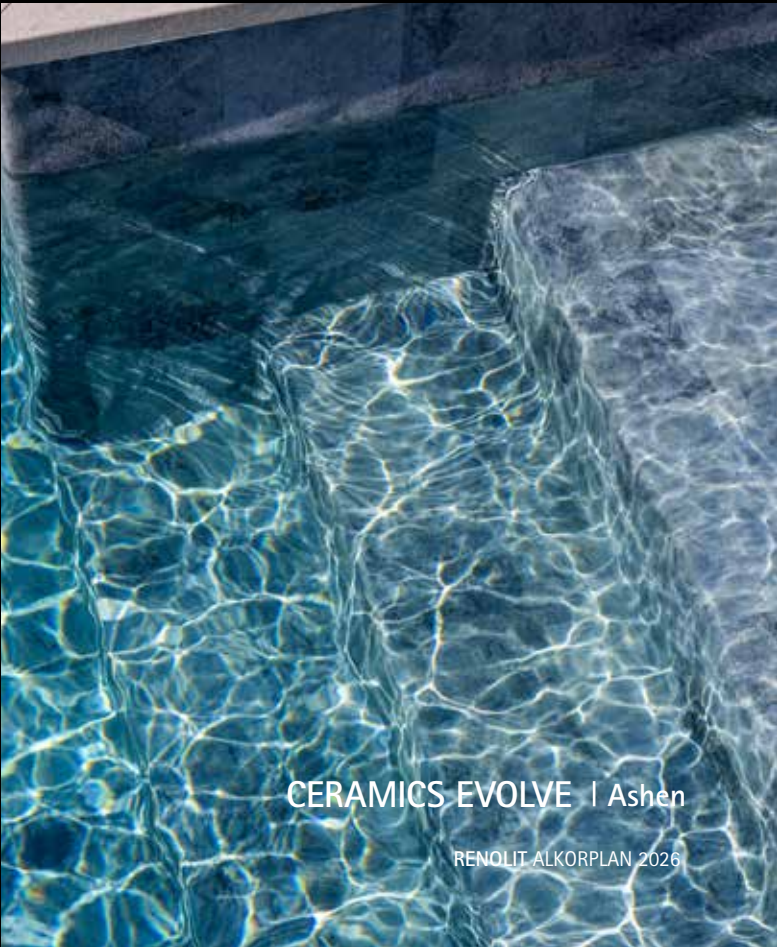
15 years of Watertightness

Guarantee

3

Years

3 years of Anti-stain



CERAMICS EVOLVE PRODUCTS



ASHEN
REF. 35617302



VERDANT
REF. 35617303



DUNE
REF. 35617301

CERAMICS EVOLVE SEAM SEALER

Liquid PVC specifically for finishing the membrane welds of the **RENOLIT ALKORPLAN CERAMICS EVOLVE**. Necessary for overlap and butt welds. The color and texture are designed to match the **RENOLIT ALKORPLAN CERAMICS EVOLVE** collection membranes and its improved formulation gives it a permanent resistance to fading.

Remember that Liquid PVC has an aesthetic function and in no case should it replace a weld, which is the only way to ensure watertightness in swimming pools.



REFERENCE	DESCRIPTION	VOLUME (g/drum)	PACKAGING (n° drums)
81021005	Liquid PVC ASHEN	900	6
81021006	Liquid PVC VERDANT	900	6
81021004	Liquid PVC DUNE	900	6

RELIEF

Collection



Thickness



Class C (≥ 24°)
under DIN-EN 16165 A



Class 3 (>45°)
under UNE-EN 16165 C



Passes ANSI
A326.3 (≥0,42)



Security membranes
under EN71-3 safety for toys

RENOLIT ALKORPLAN RELIEF

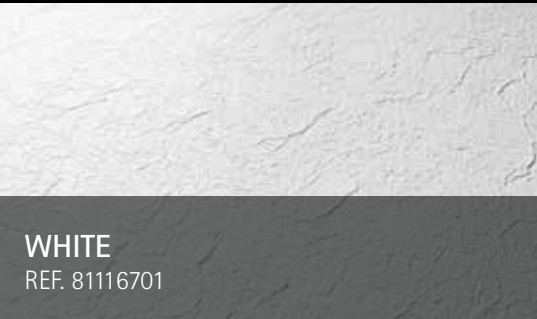
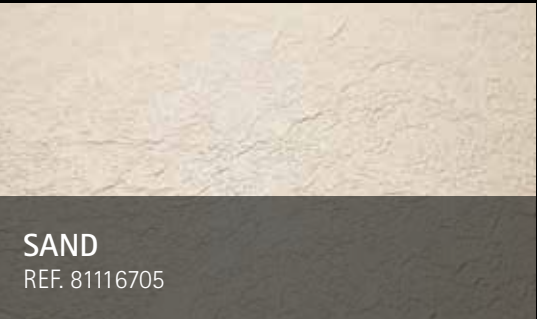
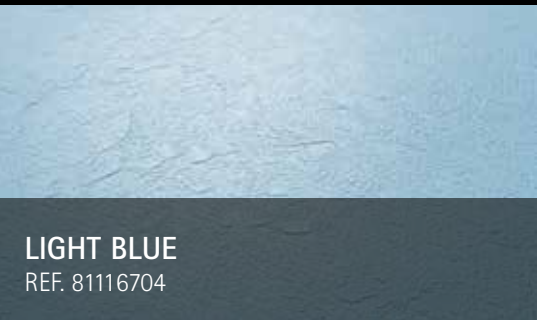
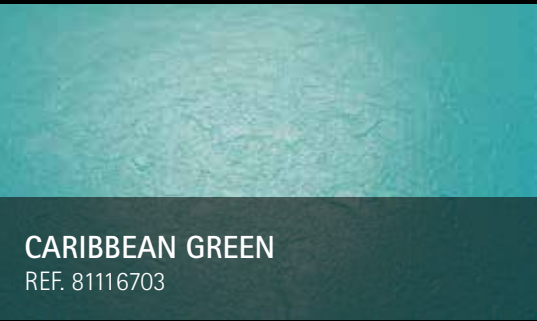
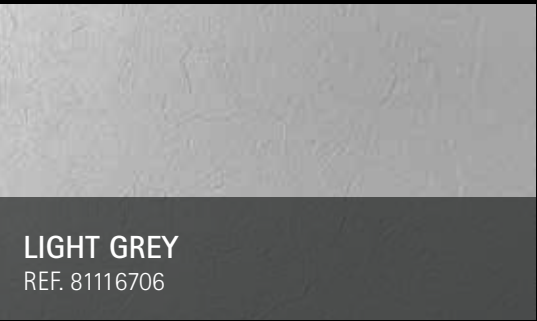
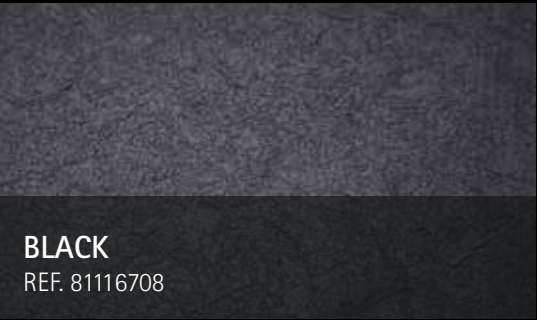
RENOLIT ALKORPLAN launches the best multi-purpose, Class 3 CTE non-slip laminate on the market. As well as having a more pleasant finish to the touch and to the eye, its new 25m format and its thickness of 1.8 mm, allows the coverage of entire pools making them more modern and attractive, being able to obtain invisible welds if installed using the butt-welding method.

It is presented with 8 colours to choose from which match the **RENOLIT ALKORPLAN 2000** collection. This laminate must only be butt welded when it is welded together to the same product.

TEC. SPECIF.	LENGTH (m)	WIDTH (m)	THICKNESS (mm)	WEIGHT OF ROLL (KG)	PACKAGING (rolls x pallet)
Non-Slip (CLASS 3 CTE)	25	1,65	1.8	93kg/roll	8



RELIEF PRODUCTS



ALIVE

Collection



Thickness



Class C (≥ 24°)
under DIN-EN 16165 A



Class 3 (>45°)
under UNE-EN 16165 C



Passes ANSI
A326.3 (≥0,42)

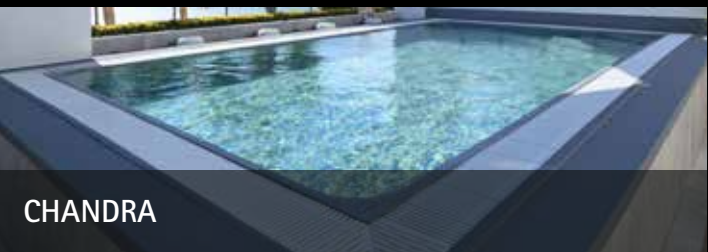


Security membranes
under EN71-3 safety for toys

RENOLIT ALKORPLAN ALIVE

Refresh your soul with ALIVE. Every day offers us unique, fleeting opportunities that often go unnoticed. ALIVE is a reminder that life is made up of special moments, and each one deserves to be celebrated.

TECHNICAL SPECIFICATIONS	LENGTH (m)	WIDTH (m)	THICKNESS (mm)	WEIGHT OF ROLL (kg)	PACKAGING (rolls x pallet)
Alive	25	1,65	1.5	84,7 kg/roll	8



CHANDRA



PRANA



DHYANA



BHUMI



ALIVE | Prana

RENOLIT ALKORPLAN 2026

ALIVE PRODUCTS



CHANDRA

REF. 35117103



PRANA

REF. 35117101



DHYANA

REF. 35117102



BHUMI

REF. 35117105

ALIVE SEAM SEALER

Liquid PVC specifically for finishing the membrane welds of the **RENOLIT ALKORPLAN ALIVE**. Necessary for overlap and butt welds. The color and texture are designed to match the **RENOLIT ALKORPLAN ALIVE** collection membranes and its improved formulation gives it a permanent resistance to fading.

Remember that Liquid PVC has an aesthetic function and in no case should it replace a weld, which is the only way to ensure watertightness in swimming pools.



REFERENCE	DESCRIPTION	VOLUME (g/drum)	PACKAGING (n° drums)
81025103	PVC Liquid Chandra	900	6
81025101	PVC Liquid Prana	900	6
81025102	PVC Liquid Dhyana	900	6
81025105	PVC Liquid Bhumi	900	6

KOLOS

Collection



Thickness



Class C ($\geq 24^\circ$)
under DIN-EN 16165 A



Class 3 ($>45^\circ$)
under UNE-EN 16165 C



Passes ANSI
A326.3 ($\geq 0,42$)

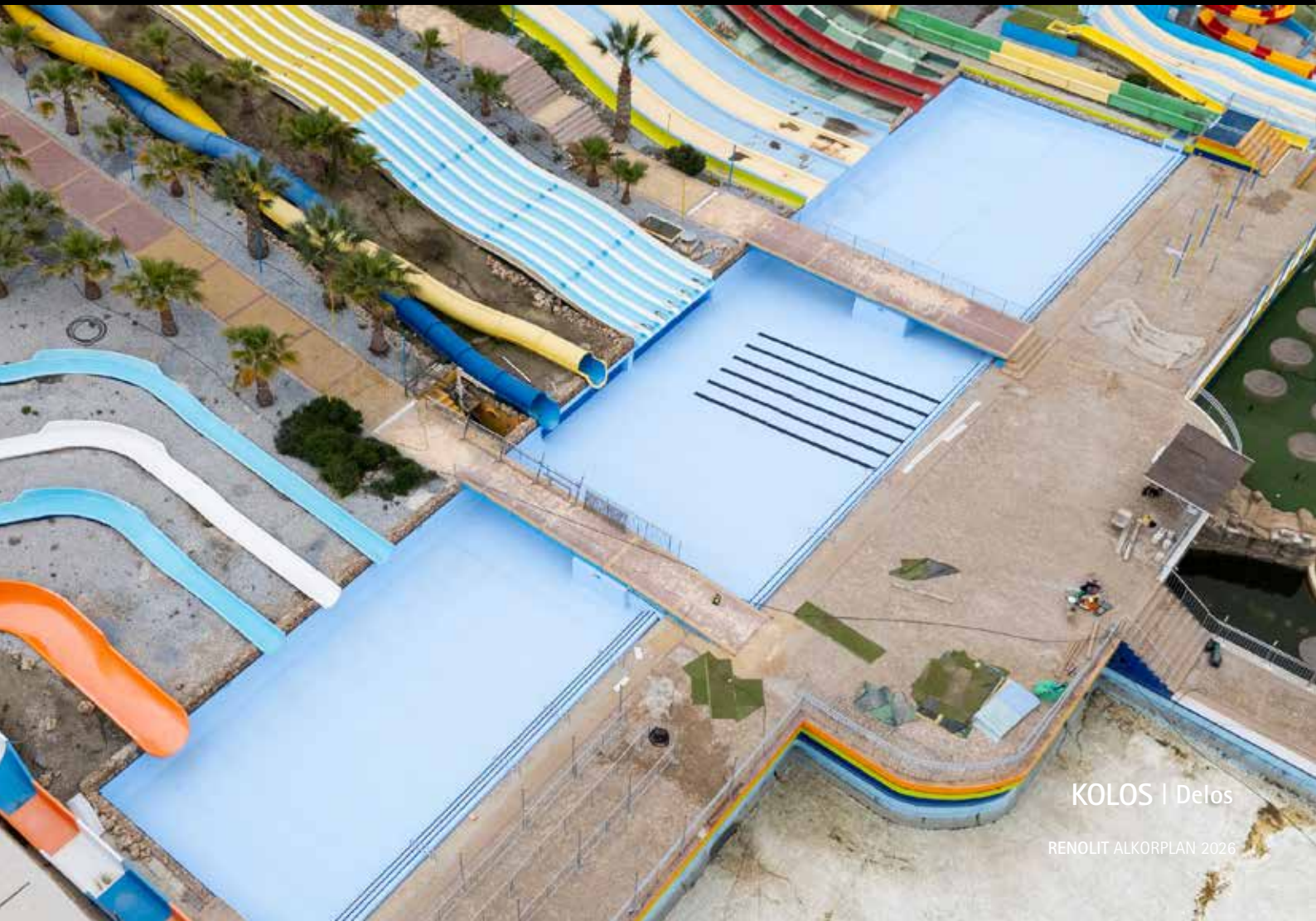


Security membranes
under EN71-3 safety for toys

RENOLIT ALKORPLAN KOLOS

Redefining Durability and Performance. Designed for high-traffic pools, KOLOS stands for resilience, setting new industry standards with unmatched durability and resistance.

TECHNICAL SPECIFICATIONS	LENGTH (m)	WIDTH (m)	THICKNESS (mm)	WEIGHT OF ROLL (kg)	PACKAGING (rolls x pallet)
Kolos	25	1.65	1.5	78,4 kg/roll	8
Kolos	25	2,05	1.5	95,6 Kg/roll	8



KOLOS | Delos

RENOLIT ALKORPLAN 2026

KOLOS PRODUCTS

DELOS REF. 35116101 1,65m	ZEPHIR REF. 35116103 1,65m
REF. 35116102 2,05m	REF. 35116104 2,05m

GUARANTEE



20 years of
Watertightness



5 years of
Anti-stain

KOLOS SEAM SEALER

Liquid PVC specifically for finishing the membrane welds of the **RENOLIT ALKORPLAN KOLOS**. Necessary for overlap and butt welds. The color and texture are designed to match the **RENOLIT ALKORPLAN KOLOS** collection membranes and its improved formulation gives it a permanent resistance to fading.

Remember that Liquid PVC has an aesthetic function and in no case should it replace a weld, which is the only way to ensure watertightness in swimming pools.



REFERENCE	DESCRIPTION	VOLUME (g/drum)	PACKAGING (n° drums)
81056002	PVC Liquid Delos	900	6
81056001	PVC Liquid Zephir	900	6

AROUND THE POOL

DECKING

SOLID Collection



Thickness



Class C ($\geq 24^\circ$)
under DIN-EN 16165 A



Class 3 ($>45^\circ$)
under UNE-EN 16165 C



Passes ANSI
A326.3 ($\geq 0,42$)



EN 14041



DIN EN
16165:2021-B



Security membranes
under EN71-3 safety for toys



Fire resistant
class BFSL1



CE certificate

RENOLIT ALKORPLAN DECKING

ONE SYSTEM, THE ENTIRE POOL

RENOLIT ALKORPLAN DECKING is the ideal deck product. It provides a waterproof and slip-resistant surface that requires minimal maintenance and will last for many seasons. Butt-welding this product provides a continuous floor surface and a completely waterproof solution. It can be combined with an interior pool membrane, creating a waterproof solution for the entire facility.

TECHNICAL SPECIFICATIONS	LENGTH (m)	WIDTH (m)	THICKNESS (mm)	WEIGHT OF ROLL (kg)	PACKAGING (rolls x pallet)
--------------------------	------------	-----------	----------------	---------------------	----------------------------

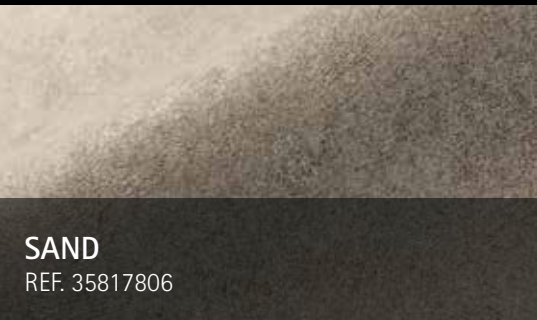
Decking	21	1.65	2	82 kg/roll	4
---------	----	------	---	------------	---

DECKING PRODUCTS

SOLID Collection offers a durable solution, with a continuous surface and it is reliable for any indoor or outdoor decking area around the pool. The collection comes in three modern and elegant colors: Light Grey, Grey and Sand. These neutral tones complement any style and integrate perfectly with the pool design.



LIGHT GREY
REF. 35817805



SAND
REF. 35817806



GREY
REF. 35817807

GUARANTEE



10 years of
Watertightness



DECKING | Grey



2000

Collection



Thickness



Security membranes
under EN71-3 safety for toys

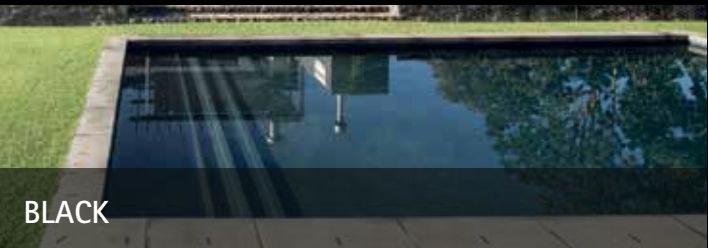
RENOLIT ALKORPLAN 2000

High quality membranes coated with a lacquer that gives them great UV stability, resistance to aging and weathering, and with the addition of fungicides and bactericides to prevent bacterial growth that make it rot-proof.
It is available in 8 different attractive colours.

UNICOLOR RANGE:

- Easy installation on any material.
- In half the time of other systems.
- Good adaptability to irregular shapes.
- Minimum maintenance.
- Resistance to the passage of time. Guaranteed watertightness for 10 years.

TEC. SPECIF.	LENGTH (m)	WIDTH (m)	THICKNESS (mm)	WEIGHT OF ROLL (KG)	PACKAGING (rolls x pallet)
2000	25	1.65	1.5	75,6 kg/roll	8
2000	25	2.05	1.5	93,5 Kg/roll	8



BLACK



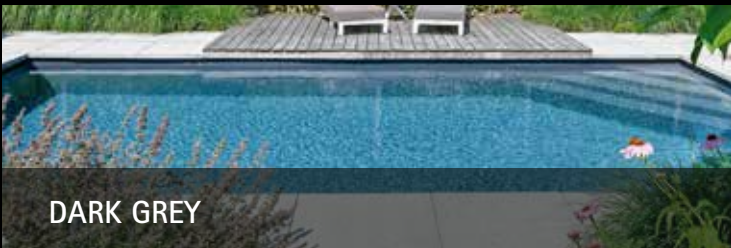
LIGHT GREY



ADRIATIC BLUE



SAND



DARK GREY



CARIBBEAN GREEN



LIGHT BLUE



WHITE

2000 PRODUCTS



BLACK
REF. 35216249
1,65m



DARK GREY
REF. 35216327
1,65m

REF. 35216326
2,05m



LIGHT GREY
REF. 35216236
1,65m

REF. 35216233
2,05m



CARIBBEAN GREEN
REF. 35216204
1,65m

REF. 35216206
2,05m



ADRIATIC BLUE
REF. 35216203
1,65m

REF. 35216207
2,05m



LIGHT BLUE
REF. 35216205
1,65m

REF. 35216208
2,05m



SAND
REF. 35216210
1,65m

REF. 35216211
2,05m



WHITE
REF. 35216202
1,65m

REF. 35216201
2,05m



2000 | Dark Grey

3000

Collection



Thickness



Security membranes
under EN71-3 safety for toys

RENOLIT ALKORPLAN 3000

RENOLIT ALKORPLAN3000 is the high-end RENOLIT range. It offers the same quality guarantees as the RENOLIT ALKORPLAN2000 but with contemporary designs and textures.

All RENOLIT ALKORPLAN3000 membranes are protected by a super resistant multi-layer of lacquer that extends the life of the membrane and prevents premature aging.

High quality membrane printed with exclusive designs, coated with a special protective multi-layer lacquer that protects against:

- Abrasion or scratching caused during use.
- Appearance of algae and bacteria.
- Protection from UV rays.



PERSIA BLUE



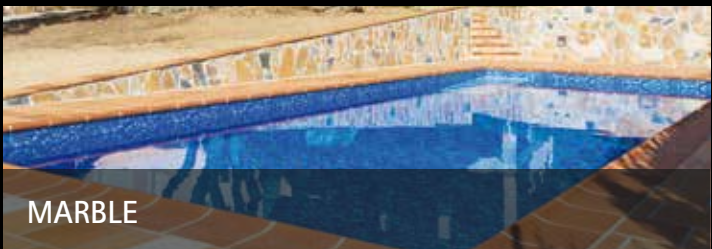
BYSANCE BLUE



CARRARA



PERSIA SAND



MARBLE

TEC. SPECIF.	LENGTH (m)	WIDTH (m)	THICKNESS (mm)	WEIGHT OF ROLL (KG)	PACKAGING (rolls x pallet)
3000	25	1.65	1.5	78	8

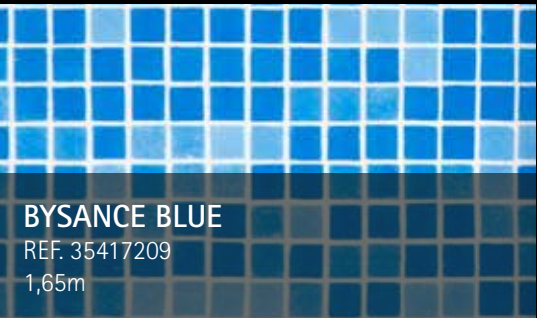
3000 PRODUCTS



PERSIA BLUE
REF. 35417217
1,65m



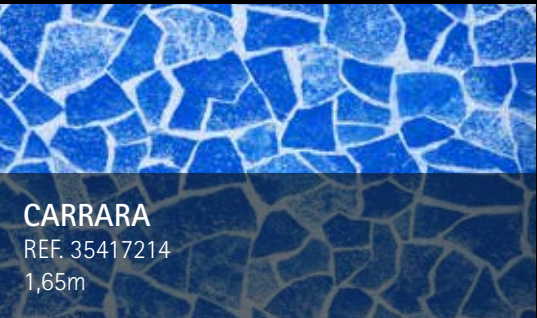
PERSIA SAND
REF. 35417220
1,65m



BYSANCE BLUE
REF. 35417209
1,65m



MARBLE
REF. 35417213
1,65m



CARRARA
REF. 35417214
1,65m



3000 | Persia Sand

NATURAL POOL

Collection



Thickness



Security membranes
under EN71-3 safety for toys

RENOLIT ALKORPLAN NATURAL POOL

RENOLIT ALKORPLAN NATURAL POOL gives an extra dimension to your garden in summer and winter time. In summer the whole family can enjoy a refreshing dive in the cristal clear water. In winter the pool stays a natural water element in the garden. Waterproofing membrane of flexible polyvinyl chloride (PVC-P) with a polyester reinforcing. Designed for natural swimming pools and small swimming ponds for private use.

- Non-toxic for fish and aquatic plants.
- Resistant to swelling and rotting.
- High resistance to puncturing.

COMPATIBLE WITH PLANTS AND FISH

RENOLIT ALKORPLAN NATURAL POOL is a more environmentally-friendly product than those currently on the market. Its new formulation means the membrane can be used in the presence of fish and plants:

- 3 MORE ENVIRONMENTALLY-FRIENDLY PRODUCT
- NO BACTERICIDES
- NO FUNGICIDES

TEC. SPECIF.	LENGTH (m)	WIDTH (m)	THICKNESS (mm)	WEIGHT OF ROLL (KG)	PACKAGING (rolls x pallet)
NATURAL POOL	20	2.05	1.5	85	9

ADVANTAGES

- Can be installed without wrinkles or folds.
 - Makes it easy to line stairs and difficult shapes.
 - **RENOLIT ALKORPLAN** natural swimming pond liner is a 1.5 mm thick polyester reinforced liner that guarantees long term water fun in your garden.
 - **RENOLIT ALKORPLAN NATURAL POOL** liners are hot air welded which guarantees a homogeneous and perfectly watertight finish.
 - Accidental damages can be repaired throughout the entire lifecycle of the membrane in a simple and professional way.
- 3 **RENOLIT ALKORPLAN** natural swimming pool liner is fish and plant friendly.

NATURAL POOL PRODUCTS

BLACK

REF. 00328003
2,05m
Non Lacquered

DARK GREY

REF. 00328004
2,05m
Non Lacquered

LIGHT GREY

REF. 00328005
2,05m

GREEN NATURE

REF. 00328006
2,05m



Biocide Free

NATURAL FILTERING SYSTEM

A natural swimming pool has no need for an expensive filtering system to keep the water clear. The water is being purified by aquatic plants and by circulation through lava stones.

It can be integrated in your garden withoyt disrupting the natural image in every season of the year.



NATURAL POOL | Green nature

MEMBRANE INSTALLATION TOOLS

SWIMMING POOL LINING:
STEP BY STEP



VOGUE | Vintage

RENOLIT ALKORPLUS THF SOLVENT

THF (Tetrahydrofuran) is a solvent normally used to reduce the viscosity of liquid PVC or sealing lacquer. These products leave the factory with the correct viscosity, but since they are manufactured using volatile solvents, over time their viscosity increases. To reduce it, a small quantity of THF is added in the polyethylene bottle that the sealant contains.

It can also be used as a PVC accessory cleaner (tubes, piping, etc.), before the application of the specific PVC glue.



REFERENCE	DESCRIPTION	COLOR	CONTENTS (l/bottle)	PACKAGING
81025001	THF solvent	Transparent	1	6 Bottles

RENOLIT ALKORPLUS MEC SOLVENT

MEC (Methyl ethyl ketone or Butanone) is a solvent used commonly to reduce the viscosity of sealants manufactured with the same MEK solvent. These products leave the factory with the correct viscosity, but as they are manufactured based on volatile solvents, their viscosity increases over time. To reduce it, add a small amount of MEK to the polyethylene bottle containing the sealant.

This product is suitable for 81022 (XTREME), 81023 (TOUCH) and 81024 sealants.



REFERENCE	DESCRIPTION	COLOR	CONTENTS (l/bottle)	PACKAGING
81024000	MEC Solvent	Transparent	1	6 Bottles

EXPANSION RIVETS

Stainless steel impact expansion rivets for mortar indicated for the fixing of the reinforced membrane to the floor of the pool and for use in the anchorages of the overflow channel as supplementary fastening to the contact glue or polyurethane filler.



REFERENCE	DESCRIPTION	Packaging (u./box)
81051100	Expansion rivets	100

SEAM SEALER

Once the hot air weldings have been completed, they are subject to a compulsory check. This check should be carried out with a screwdriver or a seam probe tester. If the sharp end gets into the membranes, it should be welded again.

RENOLIT ALKORPLUS SEAM SEALER

Welds must be sealed with PVC to protect the weld and improve the appearance. Liquid PVC is not a substitute for a hot air weld, however it will give some protection to imperfectly welded seams and smoothes the step of the overlap, reducing deposits along the weld line.



REFERENCE	DESCRIPTION	COLOR	CONTENTS (g/drum*)	PACKAGING
81037001	Seam sealer	Transparent	900	6 drums
81035001	Seam sealer	White	900	6 drums
81054001	Seam sealer	Sand	900	6 drums
81032001	Seam sealer	Light Blue	900	6 drums
81039001	Seam sealer	Adriatic Blue	900	6 drums
81034001	Seam sealer	Green	900	6 drums
81029001	Seam sealer	Light Grey	900	6 drums
81028002	Seam sealer	Platinum	900	6 drums
81029003	Seam sealer	Dark Grey	900	6 drums
81024014	Seam sealer	Black	900	6 drums

* A drum of product will seal around 100 m².

NAILS & PLUGS

Galvanized steel nails indicated for the fixing of the support.



REFERENCE	DESCRIPTION	Packaging (u./box)
81051201	Nails & Plugs	100

LEISTER TRIAC ST

Compact, robust, and designed for professional welding of pool membranes and other thermoplastics. Its next generation motor and removable side air filters ensure optimal performance and easy maintenance. The bar style design allows comfortable work overhead, on the floor, or in tight spaces, while the ergonomic handle enables prolonged use without fatigue. Safety features include a cooled protective tube and overload protection. Compatible with more than 80 nozzles, the TRIAC ST is a versatile, reliable tool built with Leister's renowned Swiss quality.



INCLUDED

TRIAC ST KIT	TRIAC ST	Seam weld tester
	Wide slot nozzle	Heating element
	Pressure roller 28 mm, silicone	Utility scissors
	Pressure roller 6 mm, brass	Box

LEISTER TRIAC AT

The TRIAC AT is a smart, high precision heat gun for professional welding and shaping of pool membranes. Its e Drive control system allows exact adjustment of temperature and airflow, displayed digitally for maximum accuracy. Engineered for demanding conditions, it performs reliably indoors, outdoors, and during continuous use. Its slim, ergonomic design provides excellent handling in tight spaces, while safety features such as overload protection and a cooled protective tube ensure secure operation. Compatible with multiple nozzles, the TRIAC AT offers precise and efficient performance for membrane installation work.



INCLUDED

TRIAC AT KIT	TRIAC AT	Pressure roller 8 mm, PTFE
	Wide slot nozzle	Seam weld tester
	Pressure roller 40 mm, silicone	Box
	Utility scissors	

LEISTER UNIDRIVE 505

The UNIDRIVE 505 is a compact welding machine designed to make butt welding of reinforced, printed, textured, and embossed pool membranes fast, precise, and highly consistent. It welds both membrane edges and the underlying tape in a single step, producing an almost invisible seam with no need for additional sealing. The smooth, edge free finish improves user comfort, eases robotic cleaning, and enhances the visual appearance of the pool. Its brushless motor ensures long service life with minimal maintenance, while the ergonomic semi automatic design allows comfortable, fatigue free operation. With intuitive handling and clear visibility of the weld path, the UNIDRIVE 505 delivers reliable, high quality results for professional pool installers..



SEAM SEALER APPLICATION BOTTLE

REFERENCE	DESCRIPTION	PACKAGING
81445001/0001.00V	Seam sealer application bottle + dosing cap kit	5 bottles (standard cap) + 20 dosing caps
81445003	Aplication bottles 250mL with dosing caps	10 bottles with dosing caps



CUTER

A lightweight, disposable safety knife made from fiberglass-reinforced recycled plastic. With concealed cutting edges and an integrated scraper, it offers maximum protection while enabling three functions in one tool: cutting, scraping, and tearing.

REFERENCE	DESCRIPTION	PACKAGING
81350021	RENOLIT ALKORPLAN cuter	10 units/box

PRODUCT APPLICATION

Pour the necessary amount of seam sealer into the applicator container to enable you to carry out sealing.

Obviously, smoking while performing these operations is strictly prohibited. Close the tin with care if it is not yet empty, to prevent the solvent from evaporating. Cut the applicator pouring spout obliquely, never horizontally. Apply the liquid PVC to the weld line.

A PVC “bead” will be formed on the welded seam; leave this to dry for half an hour. The liquid PVC can only be applied to a perfectly clean and dry weld.

Clean the pouring spout regularly to remove possible obstructions and drops.



RENOLIT ALKORPLAN 2026

LANE MARKER

RENOLIT offers a reinforced membrane for marking out the lanes in public pools. This membrane has a black laminate on its top side to make the lane division clearly visible and a transparent laminate on its back face to avoid remains of melted PVC from being seen after it has been welded to the main pool membrane.



RENOLIT ALKORPLAN LANE MARKER

Black film band for marking the lanes in public and competition swimming pools.

REFERENCE	DESCRIPTION	THICKNESS (mm)	WIDTH (m)	LENGTH (m)	COLOUR	WEIGHT (kg)	PACKAGING
81113F25	Lane Marker	1.5	0.25	25	Black	13	30 rolls x pallet

PRODUCT APPLICATION

Stretch the strip from end to end of the pool and fix it using spot welds to prevent it from deviating.

Weld it along both longitudinal sides and by only one of the ends, so that a “U” remains.

Expel the hot air accumulated inside the strip after the second weld with a heavy or blunt item, such as a bag of soil or a broom, by dragging it and pressing from one end of the strip to the other, avoiding damaging the membrane.

Once the air has been removed, weld the remaining end and place the pieces of membrane at the ends to form the “T”.



7

SUBSEQUENT MEMBRANE MAINTENANCE

SWIMMING POOL LINING:
STEP BY STEP



RENOLIT ALKORPLAN ZEROLINE

The AlkorPureline features an advanced formulation of high-performance surfactants and dispersing agents engineered to target and remove body oils, sunscreen residues, organic build-up and mineral deposits along the critical waterline area. Its controlled-action cleaning technology delivers deep and efficient performance while preserving the integrity of RENOLIT's membrane.

The product acts rapidly on the contaminant layer, allowing its mechanical removal with minimal abrasion. Regular use helps maintain filtration system efficiency, reduce the formation of scale deposits, and improve the visual quality of the water by preventing accumulations that may promote microbial growth.

REFERENCE	DESCRIPTION	COLOUR	CONTENTS (l/bottle*)	PACKAGING
81026003	Alkorplan Zeroline	Transparent	750 ml+750ml	5 kits



ELIMINATION OF ACCUMULATED GREASE FROM THE WATER LINE

RENOLIT ALKORCLEAN DEGREASING CLEANER

RENOLIT ALKORCLEAN is a degreasing agent for cleaning the scum line of the pool. Degreasing cleaner **RENOLIT ALKORCLEAN** can remove dirt that accumulates on the walls of the pool, particularly along the water level.

Due to its composition, this product is especially effective in the removal of oils and fats that are deposited on wall of the pool due to the continued use of sun creams and oils as well as organic waste arising from an environmental origin or deposited by the bathers themselves.



REFERENCE	DESCRIPTION	COLOUR	CONTENTS (l/bottle*)	PACKAGING
81026001	RENOLIT Alkorclean	Transparent	1	8 bottles
81026009	RENOLIT Alkorclean	Transparent	5	4 bottles

RENOLIT ALKORFOAM

This waterline degreaser effectively removes grease and stubborn dirt, especially the heavy buildup that accumulates along the waterline. Its dense and consistent foam increases contact time and boosts cleaning performance, delivering maximum effectiveness without splashes or harmful fumes, while ensuring safe and convenient dosing.



REFERENCE	DESCRIPTION	COLOUR	CONTENTS (l/bottle*)	PACKAGING
81026002	Alkorclean Alkorfoam	White suspension	1	8 Bottles
81026007	Alkorclean Alkorfoam	White suspension	5	4 Bottles

NEUTRALISATION OF METALLIC IONS IN THE WATER

RENOLIT ALKORPLUS ANTI-STAIN

RENOLIT ALKORPLUS Anti-stain is a mineral product in a 70% concentrated suspension available in 1 litre bottles. The product is able to neutralise various metal ions such as copper, lead, tin, cadmium, arsenic, silver, etc.

The presence of dissolved metals in the water can have several causes:

- Corrosion of piping, pumps, alternators, connections, etc.
- The presence of impurities in water treatment products *
- The partial or complete replacement of pool water
- (e.g. tap water may contain from 0 to 0.2 ppm of copper)
- Use of well water



REFERENCE	DESCRIPTION	COLOUR	CONTENTS (l/bottle*)	PACKAGING
81059003	RENOLIT Alkorplus	White suspension	1	6 Bottles

RENOLIT ALKORCALC

Cleans, polishes, and protects the pool membrane surface. Effectively removes limescale, mineral buildup, and rust residues, restoring the membrane's performance and appearance. Its foam based application adheres well to vertical and partially submerged areas, maximizing the time and cleaning efficiency. The fast acting formula works without splashes or harmful fumes, ensuring safe and controlled maintenance.



REFERENCE	DESCRIPTION	COLOUR	CONTENTS (l/bottle*)	PACKAGING
81026006	RENOLIT AlkorCalc	Green	1	8 Bottles
81026008	RENOLIT AlkorCalc	Green	5	4 Bottles



CARRY OUT A DAILY TEST TO ENSURE THE CHLORINE LEVEL IS 1PPM AND THE PH IS BETWEEN 7.0 AND 7.6

If you disinfect your swimming pool with chlorine or with a salt electrolysis machine it is essential that the level of the chlorine is 1ppm and the pH level is between 7.0 and 7.6.

If you disinfect with bromide the level should be 1ppm and the pH level between 7 and 8. Excessive use of bromide can cause the liner to become brown in colour.



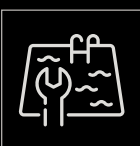
IF THE POOL HAS A SALT CHLORINATOR YOU MUST ADD STABILIZER AT THE BEGINNING OF THE SEASON

The chlorine generated by the saline electro chlorinator is stronger than normal chlorine.

To dilute add 30ppm of a isocyanuric acid stabilizer at the beginning of the swimming pool season and check daily that level of chlorine at 1ppm and the pH between 7.0 and 7.6.

If your saline electro chlorinator does not have a RedOx chlorine controller you should use a measuring gauge. Even if your pool is equipped with an automatic Redox control it is necessary to manually check the chlorine on a very regular basis (daily).

This prevents the chlorinator producing more chlorine than necessary, which could bleach the liner and irritate eyes.



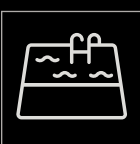
IT IS NECESSARY THAT THE TA LEVEL IS MAINTAINED BETWEEN 100 AND 175PPM

TA (total alkalinity) represents the water's capacity for neutralising acids.

A balanced TA level keeps pH from fluctuating and getting out of control.

A TA level under 100 ppm turns water corrosive. Damage to the liner would be irreversible.

We recommend checking the TA level weekly or after rainfall.



PROTECT YOUR SWIMMING POOL IN SUMMER AND WINTER AND DO NOT EMPTY IT

Swimming pools are built to be full of water. They should not be left empty for long periods of time.

In the summer keep the water level constant.

In winter protect skimmers and filter systems against frost. Ask a pool specialist for the best winter treatment to keep the water in perfect condition the following season. Above all cover the swimming pool in winter.



WATER FROM WELLS, OR OF UNKNOWN ORIGIN SHOULD BE ANALYSED AND, IF NECESSARY, TREATED BEFORE IT IS USED TO FILL OR TOP UP THE POOL

If the water does not come from the mains supply or from a guaranteed tanker it is very probable that the water will contain diluted metals such as iron, copper or magnesium.

These minerals can react with the chemical products and produce stains on the liner.

If this happens ask a specialist to carry out a treatment with **RENOLIT ALKORPLUS** Antistain.

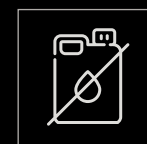


NO CHEMICAL PRODUCTS SHOULD COME INTO DIRECT CONTACT WITH THE LINER

The correct and safest way of introducing any chemical product into the swimming pool is by using the skimmer with the circulation pump working.

If it is powder, granules or liquid and it is required to be put directly into the swimming pool, it must be diluted before in a bucket of water, and poured into different areas of the swimming pool. The circulation pump must always be in use to prevent concentration of a product in one area.

Avoid the use of floating dispensers because they can spend too much time in the same position and can bleach the liner.



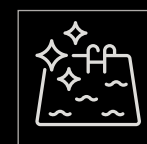
DO NOT USE CHEMICAL PRODUCTS WHICH CONTAIN COPPER

Always read the level of the composition of the chemical products that you use, especially those for algae.

Some anti-algae products contain copper sulphate, these should be avoided.

Use anti-algae with a quaternary ammonia base. These are the best products for your hair and your skin.

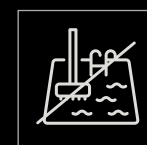
If by accident you have used a product containing copper, you should apply **RENOLIT ALKORPLUS** Antistain.



AVOID A BUILD UP OF DIRT AND CALCAREOUS DEPOSITS ON THE WATERLINE

The lacquer that protects the **RENOLIT ALKORPLAN** laminate will repel dirt; however, low maintenance and high bathing loads will accelerate the build up of waterline deposits.

Regular cleaning of the waterline with **RENOLIT ALKORCLEAN®** applied with a sponge or cloth will prevent the build up of grease and scale and avoid permanent staining.



NEVER USE ABRASIVE TOOLS OR AGGRESSIVE CLEANING PRODUCTS

Do not use aggressive chemical products or cleaning equipment, such as solvents; brushes with wire or stiff bristles; and abrasive pads or cloths that will damage the membrane. The liner is coated with a protective lacquer which is stain and dirt resistant, however it may be damaged if cleaned with abrasive materials or solvents.

RENOLIT ALKORCLEAN® is an ideal and efficient cleaner for your liner. It may be ordered through your Swimming Pool Specialist.

RENOLIT ALKORPLAN ONE APP

A tool designed for professionals seeking efficiency, inspiration and results

RENOLIT ALKORPLAN ONE is a digital tool designed for professionals in the swimming pool sector who seek efficiency, inspiration and concrete results.

Your new digital space where you can design swimming pools in a practical, simple and quick way, directly in the customer's space thanks to augmented reality.

Are you a professional?

Download the app now and start designing and customising your swimming pool in a professional and attractive way.

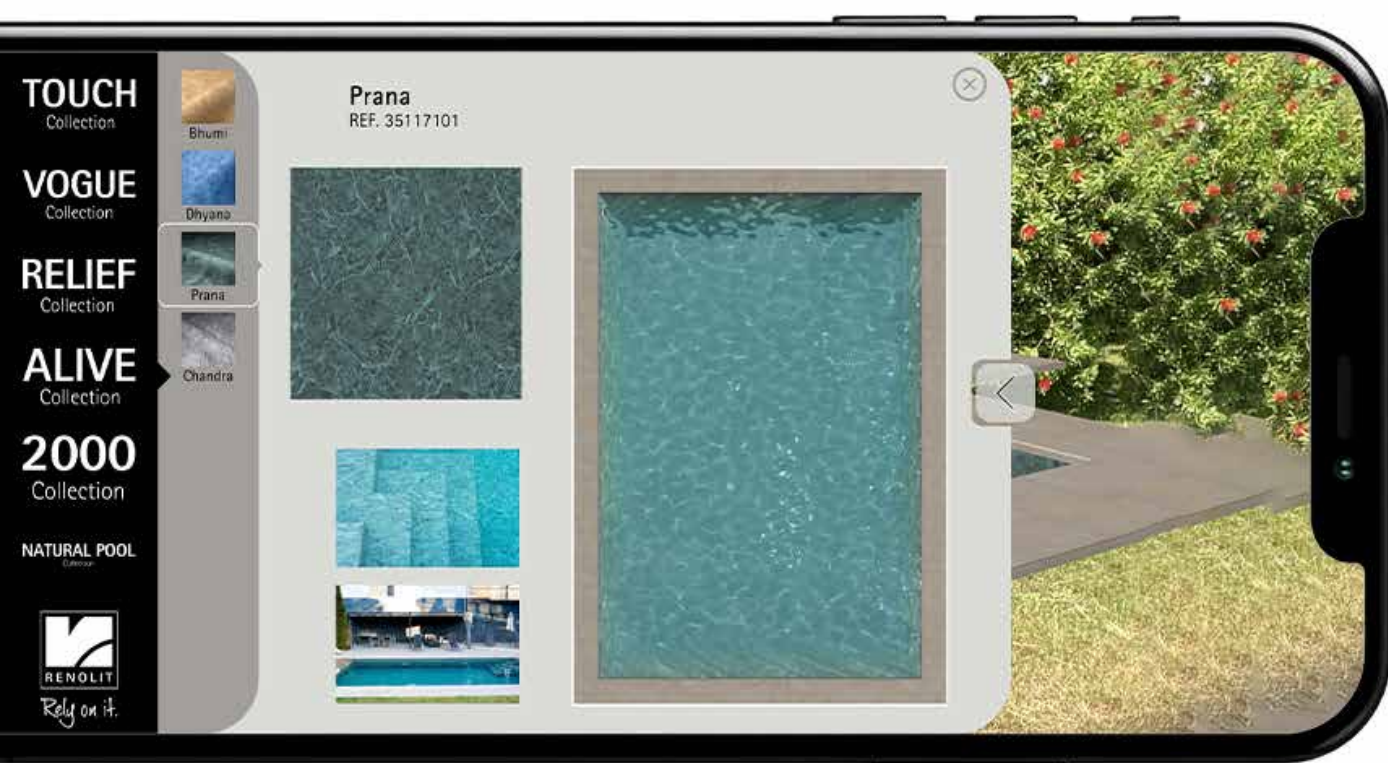
Try out different combinations of materials and finishes to find the one that best suits the architectural context.

With RENOLIT ALKORPLAN ONE, your ideas take shape in an immersive and realistic way, simplifying the customer's decision-making process and adding value to each project.

Download IOs

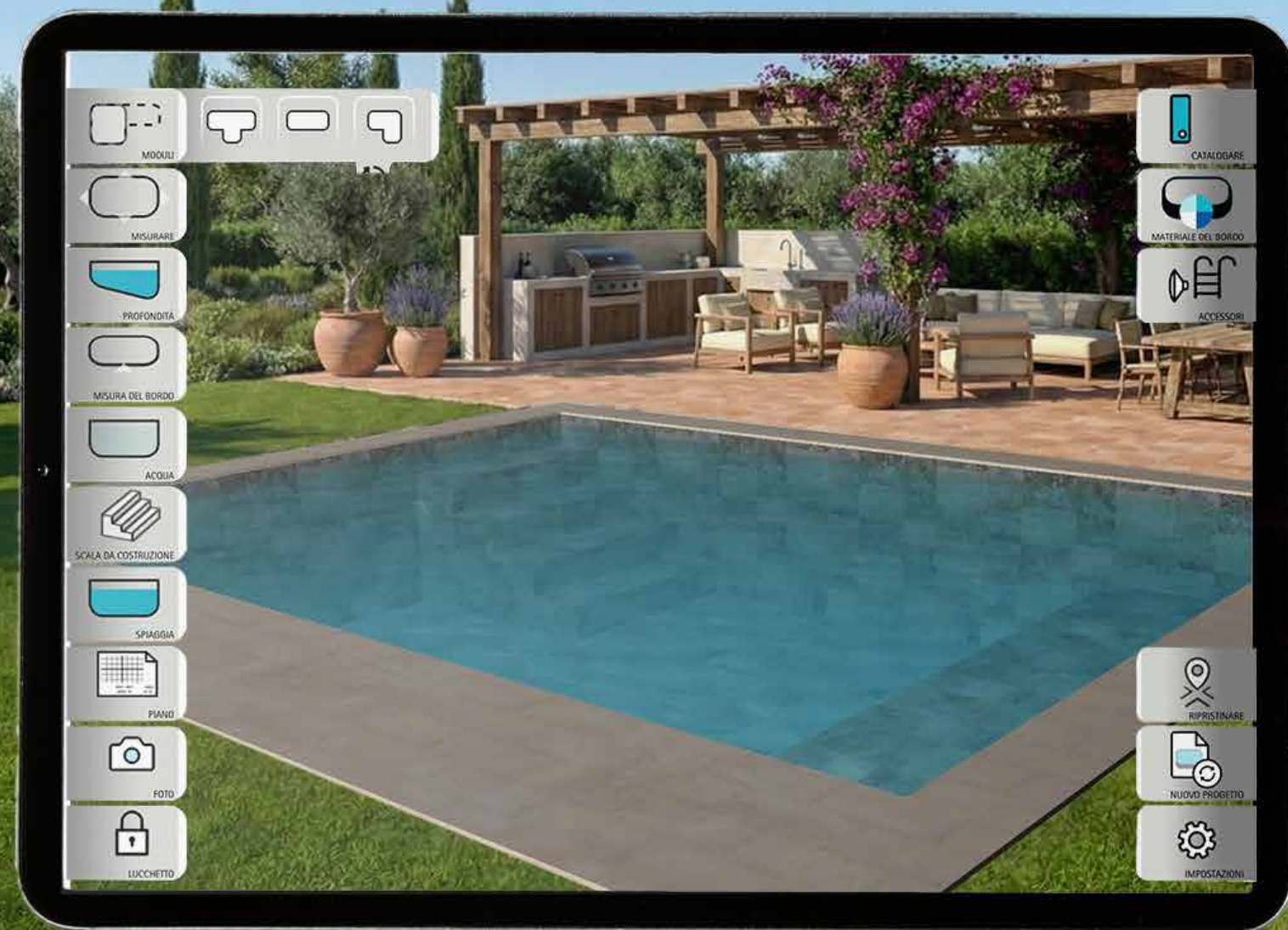


Download Play Store



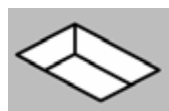
RENOLIT
ALKORPLAN
ONE

Design your ideal pool with
our reality augmented app



RENOLIT ALKORPLAN POOL CONFIGURATOR

Use our tool, the pool configurator, for inspiration and as a decision-making aid! Here the end customer can easily compare the different designs at home or even combine them with one another. There are three different locations to choose from – with or without water, with sun during the day or with pool lighting in the evening. A really nice tool with which you can design your dream pool.



Crta. Montnegre s/n
08470 Sant Celoni
Barcelona - Spain

www.renolit-alkorplan.com



Rely on it.

This document substitutes and annuls any other that has been previously published on the same subject.
The colours shown in this catalogue can vary from the original.
RENOLIT reserves the right to change colours and designs.