

Alkorplan® Non-slip Swimming Pool Lining



Application Embossed membrane for making non-slip areas (steps) in swimming pools.

Product Description Membrane calendered in two layers of flexible polyvinyl chloride (PVC-P), strengthened with a polyester fabric reinforcement:

A. The face layer is a PVC sheet with the following component parts:

- a low-volatility plasticiser.
- a high performance stabiliser effective against high temperatures.
- high level UV stabiliser and colour pigments providing excellent light and temperature stability.

B. The reverse layer is a PVC sheet designed to encompass the most recent technology, specifically to protect against its environment with the following components:

- the same low-volatility plasticiser as the face sheet.
- a high performance stabiliser.
- most importantly a powerful fungicide to prevent degradation from micro-organisms.

C. Non-slip Alkorplan 2000® membranes Type 81116 are embossed with a surface texture which achieves the highest 'C' classification when tested to the specifications required by DIN norm 51097.

Properties Resistant to normal water purification products and methods.

- Incompatible with bitumens, tars, oils, and polystyrene and polyurethane panels not protected by an anticontaminant film.
- Cadmium-free.

Use The membrane must be fitted to the pool structure according to the requirements of the Renolit® installation instructions.

Care & Maintenance The performance of Alkorplan 2000® membranes largely depends on the conditions of use, care and maintenance : temperature, PH, disinfection method, friction, cleaning products, etc. To achieve the best possible results, please follow our care and maintenance instructions and those given by the manufacturers of water purification products.

Colours

Tipo 81116	
(1,65m Width)	
Light Blue	81116 004
Adriatique Blue	81116 002
Green	81116 003
White	81116 001
Sand	81116 005
Grey	81116 006
Black	81116 007

Packaging

In rolls on cardboard tubes.

Type	Thickness (mm)	Width (m)	Length of rolls (m)	Weight/m2 (kg)	Weight per roll (kg)
81116	1,5	1,65	20	±1,8	±60

Storage & Transport

In a dry place, at a moderate temperature (max. 30 °C) and in the original packaging.

Physical Characteristics

Type 81116	Standards	Units	Nominal values
Thickness	DIN 53353	mm	1,5
Density	DIN 53479	g/cm3	1,2
Rupture strength	NFT 54102 DIN 53354	N/50 mm	1250
Elongation at break	NFT 54102 DIN 53354	%	18
Tear strength	NFT 54108 DIN 53363	N	280
Hardness	NFT 54109 DIN 53505	Shore A (10s)	77
Cold crack temperature	DIN 53361	°C	-25
Dimensional stability 6h/80°C	NFT 54105 DIN 53377	%	-0,2
Ply adhesion	DIN 53357	N/50 mm	160
Light stability*	DIN 53389	blue scale grey scale	7 4

*after 5.000 h XENOTEST (Cycle 17/3'-45 +/- 5°C)

TYPE: 81116