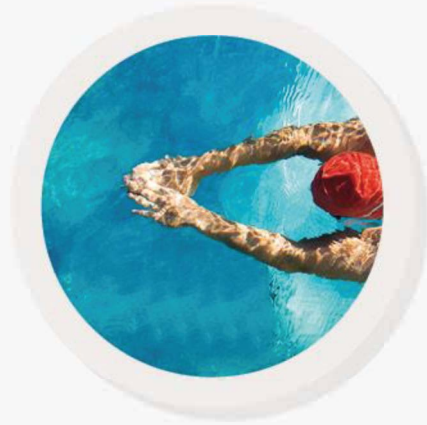


Technical Data Sheet



Thickness	Embossing	Colour
1,7 mm 1,8 mm (Golden Riviera)	Textured	Black Slate New Ceramic Blue Golden Riviera Calacatta White Marble Granit Grey Granit Sand Granit Blue Fidji



Main applications

Reinforced swimming-Pool membranes
Higher Class

Product description

Textured Reinforced flexible PVC membrane
Stabilisation system : Without Heavy metals
UV Stabilisation : Yes

General comments

Our products have been developed according to EN 15836-2.
Others colours, thicknesses, or embosses, can be developed on demand.

General properties	Unit	Method	Typical Value
Surface mass	g/m ²	EN ISO 1849-2	1984 +/- 5%
Water Absorbtion	% (Weight)	EN ISO 62 Method 1	≤ 1
CaCO ₃ Ratio	% (Weight)	EN 15836-2 Annex A	≤ 3
Available Width	mm		1650
Physical properties	Unit	Method	Typical Value
Thickness Over Emboss	mm	EN 1849-2	1,7 +/-5% 1,8 +/- 5% (Golden Riviera)
Elongation at Break	%	EN 12311-2 Method A	15 ≤ E ≤ 30
Tensile strenght at Break	N/50mm	EN 12311-2 Method A	≥ 1100
Peel Resistance	N/50mm	EN 12316-2	≥ 80
Tear Strenght	N	EN 12310-2	≥ 180
Dimentional stability	%	EN 1107-2	≤ 0,5
Foldability at low temperature	°C	EN 495-5	-25
Welding peel resistance	N/50mm	EN 12316-2	≥ 80
Slip resistance	°	EN 15836-2 (DIN 51097)	≥ 24 (Class C)

Reinforcement (100 % PES)

Construction (warp, weft)	thr/cm		2,8
Weight	g/m ²		93
Fabric	Tex		110

Durability	Unit	Method	Typical Value
Artificial ageing (6000h)	Grey scale	EN ISO 4892-2:2006 Method A, cycle 1 EN 20105-A02	≥ 3
Microorganism resistance	% (Weight loss)	EN ISO 846:1997 Method D	≤ 1
Bacterium Resistance (Streptovercillum reticulum)		EN ISO 846:1997 Method C Souche : ATCC 25607	No Staining
Chlorine Resistance	Grey Scale	EN 15836-2 Annex C	≥ 3
Staining Agent Resistance	Degree	EN 15836-2 Annex D	≥ 4
Printing abrasion resistance		EN ISO 5470-1	Pass
Temperature resistance	°C	EN 15836-2	≤ 32

Processing	Comments
Hot Air Welding	Optimisation needed depending on machine

Storage & Handling

Storage Temperature	We recommend indoor storage at room temperature (max.23°C)
Storage Time	We recommend storage time less than eighteen months after production date
Processing Temperature	Film should be stored at room temperature (max, 23°C, min. 24h) before processing

the data and numerical results contained in this document are provided for the sake of general information and are given in good faith. The numerical data and tables of results show typical average measures of products and are based on a representative numbers of individual measures. The cannot be considered as specifications. The possible applications of our products are many and varied and are beyond our control. Our responsibility does not cover misuse of our products. The purchaser and end-user must satisfy himself that the application is appropriate and, if necessary, execute all tests that are necessary to consider whether the product is appropriate for the intended use. The information presented here cannot be considered as suggestion to use our products without taking into account existing patents, or legal provisions or regulations, whether national or local. The purchaser is obliged to verify whether the possession, use or marketing of our products is subject within his territory to particular rules, especially with respect to public health, hygiene and worker and/or consumer safety. The purchaser alone assumes the duties of information and advice for the ultimate user. Alkor Draka can in no event be held responsible for possible failure on the part of the purchaser to respect these regulations, provisions and duties.