

Quality
MADE IN
Germany

2021 / 22
PRODUCT CATALOG

natural pool
swimming pond
pond construction

www.elbtal-plastics.com

ELBE[®]

NATURAL SURFACE | MADE IN GERMANY



ELBE Natural Surface®
.....
Beauty, in a natural way





index

natural pool and swimming pond membranes

EXCLUSIVE LINE

Natural PEARL 4

Natural SUPRA 5

PREMIUM LINE

Natural Classic 6

Natural Classic Non-Slip 6

BASIC LINE

Natural Pond 7

accessories

liquid PVC 8

bottle for liquid PVC 8

coated metal sheets and profiles 8

mounting parts / fixing parts 9

protective fleece 9

information

performance guide 10

general information for care and maintenance 11

INNOVATIVE DESIGNS
RESISTANT SURFACE
EASY TO CLEAN

© www.stawy-kapielowe.pl



Natural PEARL

reinforced swimming pond membrane with special coated surface and unique printing

Natural PEARL swimming pond membranes will brighten up any swimming pond: Whether organic pool, swimming pond or natural pool – Natural PEARL is excellently made for use in near-natural bathing waters and offers a swimming experience close to nature. Excellent reflective properties turns every natural pool shine in a particularly natural light. Thanks to its unique surface, Natural PEARL is easy to clean. Removing biofilm thus is child's play. Natural PEARL not only puts up a pretty good show: high UV resistance, preventing premature ageing of the pond membrane and easy installation round off Natural PEARL's features completely.

amazing reflection effect | special surface | UV resistance | biocide-free | easy to weld | easy to clean | reinforced

thickness **1.6 mm** roll length **25 m** width **1.65 m** packing **8 rolls per pallet**

Dark Green 578
item no. 2001141



Slate Grey 702
item no. 2001140



stock range

LONGER LIFESPAN
SPECIAL SURFACE FINISH
EASY TO CLEAN

EXCLUSIVE LINE



Natural SUPRA

reinforced swimming pond membrane with special coated surface

Natural SUPRA reinforced swimming pond membranes makes swimming feel like in the nature. Thanks to the special surface, pollution and discoloration, as well as elaborate cleaning, belong to the past. Removing biofilm is child's play. In addition, the surface finish punters premature ageing and thus increases the lifespan of the pond membrane. Extremely durable and highly resistant to all kinds of stresses, Natural SUPRA not only impresses with its excellent product properties as well as offering a natural swimming feeling.

special surface | biocide-free | easy to weld | easy to clean | reinforced

thickness **1.5 mm**

roll length **25 m**

width **2.00 m**

packing **8 rolls per pallet**

Dark Green 578

item no. 2001139



Slate Grey 702

item no. 2001137



stock range

EXTRA TEAR-RESISTANT
CLASSIC APPEARANCE
HEALTH-FRIENDLY



Natural Classic

reinforced swimming pond membrane

Natural Classic is a reinforced swimming pond membrane for lining swimming ponds and natural pools. The membrane is extremely durable and highly resistant to all loads. Produced from the purest raw materials, Natural Classic is, together with Natural PEARL and Natural SUPRA, the health-friendliest swimming pond membrane on the market. As well, they exceed the EN 71-3 standard on the plastics used in the toy industry. Natural Classic also scores with a convincing health aspect when it comes to installing: installers breathe in far fewer emissions than with competing products due to the low build-up of toxic gases when welding.

biocide-free | easy to weld | easy to clean | reinforced

thickness **1.5 mm**

roll length **25 m**

width **2.00 m**

packing **12 rolls per pallet**

Green/Black 546/801
item no. 2000366



Natural Classic Non-Slip

reinforced Non-Slip membrane

In addition to pretty designs, non-slip protection also has an important part to play in natural pools and swimming ponds. Natural Classic Non-Slip membrane ensures maximum slip safety on steps, foot baths and other areas around natural pools. Manufactured in accordance with the standards of EN 71-3, this slip-resistant classified pond membrane with special embossing always allows a safe hold. It also makes sitting or walking comfortable. The designs from ISLAND DREAMS create a great natural feeling in non-slip areas and are the visual highlight in every swimming pond (see page 9).

biocide-free | easy to weld | easy to clean | reinforced

thickness **1.9 mm**

roll length **10 m**

width **1.65 m**

packing **15 rolls per pallet**

Green/Black 546/801
item no. 2000920



*While stocks last only.

stock range

POND AND HYDRAULIC ENGINEERING
FLEXIBLE TO USE
QUICK AND EASY INSTALLATION

BASIC LINE



Natural Pond

hydraulic engineering and pond construction – also for filtered ponds and regeneration zones

Non-toxic to fish and plants and resistant to weather and cold, Natural Pond can be used flexibly in pond and water construction. This swimming pond liner is the perfect solution especially in filtered ponds or when designing regeneration areas. Natural Pond is not reinforced and available in different thicknesses and colors.

UV stabilized | free from heavy metals | easy to weld | easy to clean | without fabric

roll length **15 / 20 / 30 m** width **2.00 m** packing **16 / 20 / 35 rolls per pallet**

Green 546

item no.	thickness	roll length	packing
<input checked="" type="checkbox"/> 2000348	1.5 mm	15 m	16 rolls per pallet



Anthracite 795

item no.	thickness	roll length	packing
<input checked="" type="checkbox"/> 2100302	0.5 mm	30 m	35 rolls per pallet
<input checked="" type="checkbox"/> 2100303	1.0 mm	20 m	20 rolls per pallet
<input checked="" type="checkbox"/> 2100299	1.5 mm	15 m	16 rolls per pallet



Black 801

item no.	thickness	roll length	packing
<input checked="" type="checkbox"/> 2000608	2.0 mm	15 m	16 rolls per pallet



stock range

accessories

accessories for professional installation

ELBE Natural Surface® geomembranes are the perfect solution for lining natural pools, swimming ponds and pond constructions. They can be installed quick and easy on every stable underground. However, the most important thing for a perfect installation is the suitable accessories. Only in this way the lining of a swimming pool or swimming pond can succeed perfectly.

ELBE liquid PVC NSM+

(Delivery only in full packing units.)

content **950 ml per can** packing **6 cans per box**



We recommend applying of **ELBE liquid PVC NSM+** to seal the seam transitions of our reinforced natural pool and swimming pond membranes. The liquid PVC does not replace the welding of the swimming pond membrane with hot air. It helps to optical upgrading the appearance of the welding seam as well. Due to the liquid PVC, dirt deposits on the welding seam will be prevented. The viscosity can be reform by stirring and adding acetone.

suitable for: Natural PEARL, Natural SUPRA and Natural Classic

color	Slate Grey 702	Dark Green 578	Green 546	Transparent 027
item no.	2100752	2100753	2100749	2100745

bottle for liquid PVC

content **500 ml** packing **from 1 piece**

item no. 2100085



coated metal sheets and profiles

thickness **1.2 mm**



	sheet	sheet	sheet stainless steel V2A	exterior angle	interior angle	strip
color	blue	gray	blue	blue	blue	blue
measurement	2000 × 1000 mm	2000 × 1000 mm	2000 × 1000 mm	70 × 30 × 2000 mm	70 × 30 × 2000 mm	70 × 2000 mm
packing	1 pallet = 30 pcs 4 pallets = 120 pcs	1 pallet = 30 pcs 4 pallets = 120 pcs	1 pallet = 30 pcs 4 pallets = 120 pcs	10 pcs 500 pcs	10 pcs 500 pcs	10 pcs 500 pcs
item no.	2100063	2100078	2100346	2100068	2100067	2100071

accessories

accessories for professional installation

mounting parts / fixing parts

fastener rivet short

measurement 4.8 mm × 20.3 mm
packing 12/48 packs per box
(200 pcs per pack)
item no. 2100275



fastener rivet long

measurement 4.8 mm × 35 mm
packing 12 packs per box
(100 pcs per pack)
item no. 2100382

contact glue Köralit F 143

content 700 g
packing 6 pieces per pack
item no. 2100042



cold welding agent THF

content 1000 ml
packing 6 pieces per pack
item no. 2100039

protective fleece

polyester polypropylene fleece

300 g, 2 × 50 m, multicolor

measurement 300 g/m² (2.5 mm)
packing from 6 rolls
item no. 2100089



polyester fleece

300 g, 1.5 × 50 m
DIN 4102 B2 (drillable), white

measurement 300 g/m² (1.5 mm)
packing from 6 rolls
item no. 2100358

polyester polypropylene fleece

500 g, 2 × 50 m, multicolor

measurement 500 g/m² (2.5 mm)
packing from 5 rolls
item no. 2100083



polyester fleece

300 g, 2 × 50 m
DIN 4102 B2 (drillable), white

measurement 300 g/m² (1.5 mm)
packing from 6 rolls
item no. 2100061

polyester polypropylene fleece

800 g, 2 × 25 m, multicolor

measurement 800 g/m² (7.0 mm)
packing from 5 rolls
item no. 2100095



polyester fleece

500 g, 2 × 50 m
DIN 4102 B2 (drillable), white












measurement 500 g/m² (3.0 mm)
packing from 5 rolls
item no. 2100062

fleece adhesive

content 5 kg
packing packing unit
item no. 2100397



performance guide

		Natural PEARL	Natural SUPRA	Natural Classic	Natural Pond
PRODUCT FEATURES		NATURAL EXCLUSIVE LINE		NATURAL PREMIUM LINE	NATURAL BASIC LINE
APPLICATIONS					
swimming ponds, natural pools		✓	✓	✓	
(artificial) ponds and lakes		✓	✓	✓	✓
irrigation basins, fire protection ponds, rainwater retention reservoirs					✓
TECHNICAL FEATURES					
uniform (without fabric insert)					✓
reinforced (high strength and dimensional stability)		✓	✓	✓	
coated surface		✓	✓		
UV resistance		✓			
cold and weather resistance		✓	✓	✓	✓
Non-Slip				✓	
HEALTH AND ENVIRONMENT					
EN 71-3 – kidsfriendly		✓	✓	✓	✓
non-toxic for fish and plants		✓	✓	✓	✓
lowest fume emission during welding		+++	+++	+++	++
SURFACE AND CLEANING					
surface easy to clean		+++	+++	+	+
anti stain effect		+++	+++	+	
less biofilm		✓	✓		
printed designs		✓			
WARRANTIES					
warranty watertightness		15 years	15 years	10 years	

Please note: Our natural pool and swimming pond membranes are only suitable for pools, that operated without the use of chlorine disinfection.

general information for care and maintenance

- **ELBE Natural Surface**® swimming pond membranes are suitable for the natural treatment of water, for example by filtering
- regular care, for example by removing leaves and pollen, prevents the water from becoming contaminated
- before entering the swimming pond, remove make-up and sun cream under the shower (protects the biological balance in the water)
- easy and environmentally friendly cleaning without chlorine-based products
- cleaning with soft cloths or sponges (no hard brushes or power washers)
- simple to keep over winter, for example with net to catch leaves

More tips for care? You will find further information in our product datasheets. The person applying is responsible for the suitable use and handling of our products. For more detailed information we recommend the guidelines of the 'Forschungsgesellschaft Landschafts-entwicklung Landschaftsbau e.V.': Guidelines for planning, constructing, maintaining and operating open-air pools with biological water treatment (swimming and bathing ponds); guidance for planning, constructing and maintaining private swimming and bathing ponds.

CREATE YOUR OWN **PARADISE** IN YOUR GARDEN

.....
ELBE NATURAL SURFACE®
NATURAL- AND SWIMMING POND LINERS

**RESISTANT AND
HEALTH-FRIENDLY**

LESS BIOFILM
INNOVATIVE AND HIGH
PROTECTION SURFACE

EASY TO CLEAN
SPECIAL SURFACE FINISH

**FULFILLS THE
STANDARDS EN 71-3**



WE ARE MEMBER OF



Elbtal Plastics GmbH & Co. KG
Grenzstr. 9
01640 Coswig | Germany

+49 3523 5330-0
+49 3523 5330-222
info@elbtal-plastics.de

www.elbtal-plastics.de

A member of
kap flexible
films