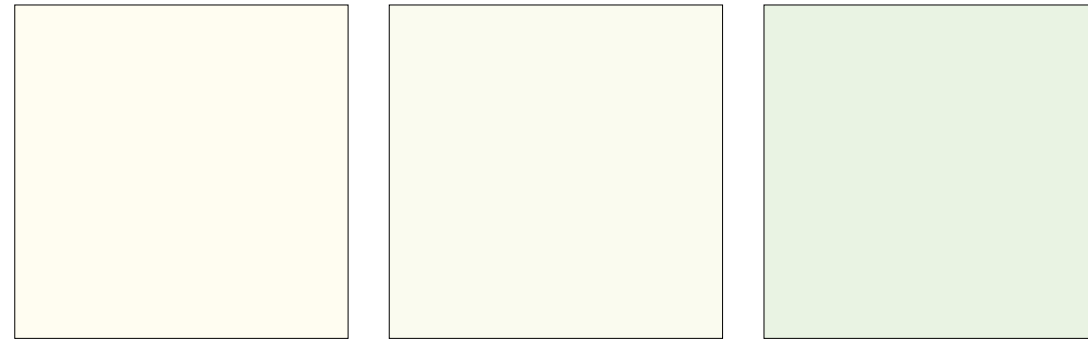
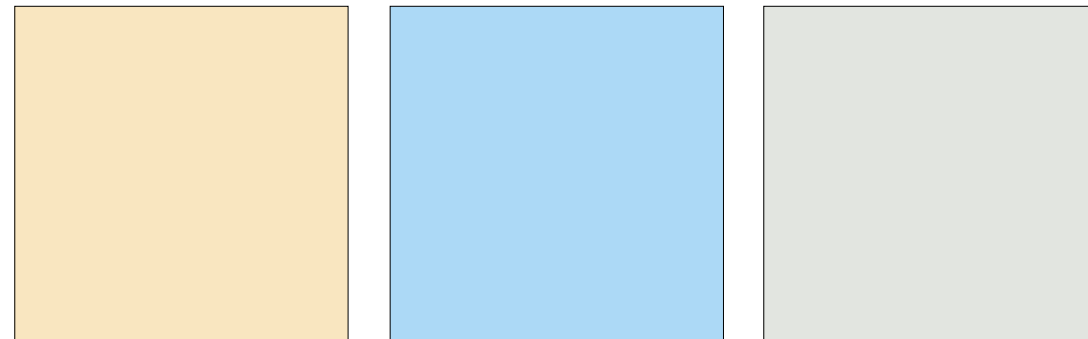


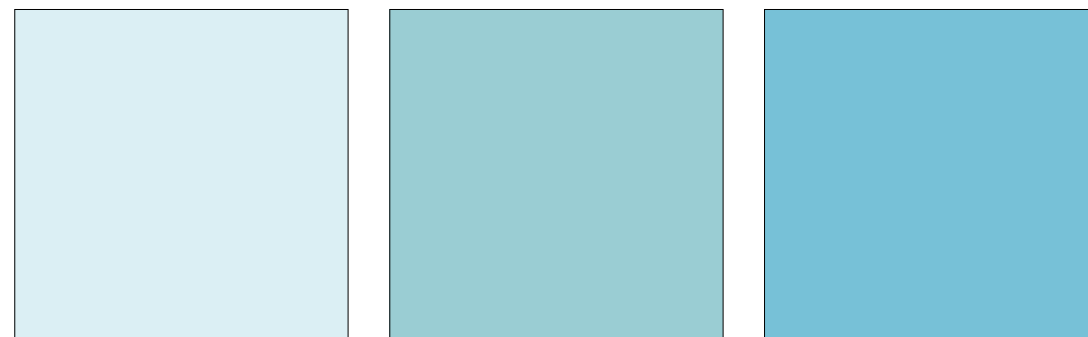
BÜFA®-Swim-NPG Gelcoat Standard colour palette



752-9774 BÜFA®-Swim-NPG-Gelcoat-S white
752-9245 BÜFA®-Swim-NPG-Gelcoat-S white
752-6349 BÜFA®-Swim-NPG-Gelcoat-S limegreen

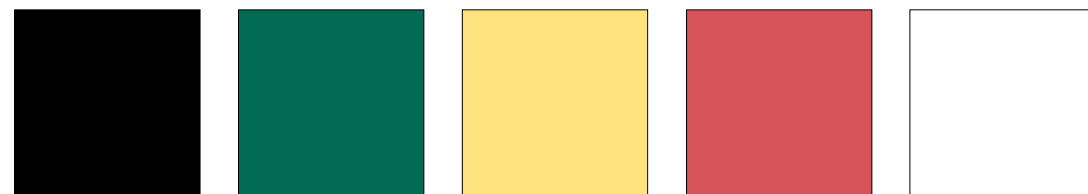


752-1309 BÜFA®-Swim-NPG-Gelcoat-S beige
752-5826 BÜFA®-Swim-NPG-Gelcoat-S blue
752-9797 BÜFA®-Swim-NPG-Gelcoat-S papyrus white



752-5484 BÜFA®-Swim-NPG-Gelcoat-S blue
752-5494 BÜFA®-Swim-NPG-Gelcoat-S pool blue
752-5841 BÜFA®-Swim-NPG-Gelcoat-S light blue

Individual colours can be prepared according to customer requirement. For example:



black green yellow red clear

TRICURA - your partner for swimming pool technology and pool care products

Whether it is pump technology, dosing technology for calcium hypochlorite, chlorine gas or liquid chemicals, measuring and control technology or swimming pool sanitation you need – TRICURA is your competent and reliable partner for all. A well-kept and hygienic swimming pool depends not only on impeccably adjusted swimming pool technology, but also on correct water maintenance. From water disinfection to cleaning, TRICURA offers you a broad range with nationwide, punctual delivery.

TRICURA A member of the BÜFA Group



tricura.com

01-19 | Image sources: © Europool, © Odenwald-Pool GmbH, © Adobe Stock PictureArt Illustrations: © BÜFA Composite Systems GmbH & Co. KG The above information is based on our present knowledge and experience. In view of the many possible influences during the use and application of our products, this information does not relieve the user from the need to conduct his/her own tests and experiments. No legally binding warranty of certain properties or of suitability for a certain purpose can be derived from these specifications. It is the responsibility of the recipient or processor of our products to ensure that any proprietary rights and existing laws and legislation are observed. The current version of the relevant EU Safety Data Sheet should also be observed. Technical datasheets and information can be found under www.buefa.de



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A member of the BÜFA Group



GELCOATS, TOPCOATS & BARRIERCOATS
BÜFA®-Swim-NPG

The pool construction system for highest surface quality



BÜFA®-Swim-NPG Gelcoats and Topcoats

If you want your swimming pool to become an oasis of well-being, then GFK pools offer you unlimited design possibilities. All the customer wishes for relaxation, vitality, individuality or also even for the optimal surface quality and durability are fulfilled to perfection with the BÜFA®-Swim-NPG gelcoats and topcoats and the corresponding resins and reinforcing materials.

BÜFA delivers a comprehensive portfolio of products connected with pool construction globally and can offer you a wide selection of individual products and services.

PRODUCT ADVANTAGES:

- Guaranteed qualities: Based on ISO/NPG
- Outstanding resistance to hydrolysis, chlorine and osmosis
- High resistance to UV and weathering (colour stability)
- Individual colouring according to the AVK Chlortest method, tested and authorized (colour stability is guaranteed)
- BÜFA®-Swim-NPG Gelcoat, combined with a special laminate structure, allows for long-term use at raised water temperatures (up to 35°C)
- Coordinating BÜFA Tec machine technology, e.g. in the form of gelcoat units, metering devices and hand metering pumps for optimal processability

Please contact us, we will be pleased to advise you.



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SWIMMING POOL APPLICATIONS

Product name	BÜFA®-Swim-NPG-Gelcoat-S	BÜFA®-Swim-NPG-Gelcoat-H	BÜFA®-Swim-NPG-Topcoat-S	BÜFA®-Swim-NPG-Topcoat-H
Art. No	752-colour no.	753-colour no.	762-colour no.	763-colour no.
Application	spraying quality	brushing quality	spraying quality	brushing quality
Resin base	IP/NPG	IP/NPG	IP/NPG	IP/NPG
Pigmentation	limited	limited	limited	limited
Viscosity [mPa.s] – Spindle / rpm	18.000 - 4/4	23.000 – 4/4	18.000 – 4/4	22.000 – 4/4
Peroxide / accelerator	2 % MEKP medium reactive, pre-accelerated	2 % MEKP medium reactive, pre-accelerated	2 % MEKP medium reactive, pre-accelerated	2 % MEKP medium reactive, pre-accelerated
Gel time [min]	12	14	14	14
Tmax [°C]	165	165	165	165
Tensile strength [MPa]	85	85	85	85
Tensile E-modulus [MPa]	3.720	3.720	3.720	3.720
Elongation at break [%]	3,5	3,5	3,5	3,5
HDT [°C]	95	95	95	95
Range of use / comments	Gelcoat for swimming pools, colours especially tested according to the AVK chlorine test **4	Gelcoat for swimming pools, colours especially tested according to the AVK chlorine test **4	Topcoat for swimming pools, colours especially tested according to the AVK chlorine test **4	Topcoat for swimming pools, colours especially tested according to the AVK chlorine test **4

Abbreviations for base resins: BPA = bisphenol A, VE = vinyl ester, VEU = vinyl ester urethane, OP = orthophthalic acid, IP = isophthalic acid, NPG = neopentyl glycol
Comments: **4 - Industrievereinigung Verstärkte Kunststoffe e. V [Industrial association for reinforced plastics]. Appendix 2 to the manufacturer's guidelines for GFK pools, Section 6.1.
The data given above is approximate information without warranty. The latest, detailed information is found in the respectively valid Technical Information Sheet and/or the corresponding EU Safety Data Sheet which should also be observed.



Swimming pool production Individual and completely care free

The company Europool based in Poland (Mogilno) produces GFK swimming pools and offers an all-round service to customers throughout Europe, from manufacturing the pool to assembly, installation, accessories and fast customer service. Their pool production includes different versions. From garden pools which have been available for purchased in DIY stores since early 2018, all the way to customized, more labour-intensive luxury solutions. Europool and BÜFA have a long term business relationship. The company uses BÜFA®-Swim-NPG-Gelcoat in a variety of colours for the highest finish quality of the pool. These gelcoats are processed in using the spray-application technology. Furthermore, Europool uses BÜFA®-Resin VE in the hand lay-up and spray lay-up processes.

"For many years now, we have been relying on the use of BÜFA products to allow us to offer our customers professional products with superlative man-

ufacturing quality. The high quality standards of the BÜFA processing materials as well as intensive onsite support are a guarantee for good collaboration", says Krzysztof Rakowski (director of Europool) "Besides, pools made of fibreglass-reinforced plastics, whose production and assembly is much less time-consuming and expensive than reinforced concrete swimming pools are readily customized with excellent results."

BÜFA delivers a comprehensive portfolio of products connected with pool construction globally and can offer you a wide selection of individual production possibilities. Also, as a system supplier, BÜFA also supplies the matching adhesive resins and appropriate machine technology for optimal processability."

Please contact us, we will be pleased to advise you.



The pool construction system for highest surface quality

THE BUILD-UP FOR OPTIMAL SURFACE:

1. GELCOAT:

BÜFA®-Swim-NPG (Art.-No. 752-colour) with superlative osmosis resistance. Recommended processing temperature: maximum 35°C.

2. BARRIERCOAT OR FIRST LAYER RESIN:

- Barriercoat
BÜFA®-VE-Barriercoat-SV, beige, spray quality (Art.-No. 722-1966). Used as an additional gelcoat layer, BÜFA®-Barriercoat - based on vinyl ester resin - improves the surface quality and resistance to osmosis.

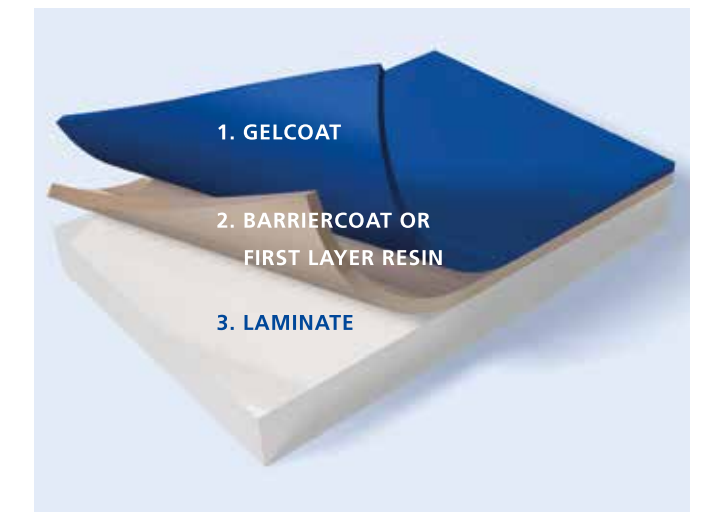
- Laminate First Layer Resin
BÜFA®-Resin VE 0910 (Art.-No. 700-0910), pre-accelerated, thixotropic resin with standard MEKP curing.

3. COMPLETION OF LAMINATE:

SYNOLITE 8388-P-1 (Art.-No. 770-8388) for build-up and completion of the laminate behind the "first layer resin".

For an optimum surface quality and better Osmosis behavior, we recommend the application of a Barriercoat or a First Layer Resin between gelcoat and the laminate.

BÜFA®-Barriercoat is suitable for applications such as swimming pools, boat building, vehicle parts and GFK moulds.



TAKE ADVANTAGE OF THE IMPROVED SURFACE QUALITY WHICH CAN BE ACHIEVED WITH BÜFA®-BARRIERCOAT:

- Improvement in surface quality
- Excellent mechanical properties
- Low-shrinkage curing performance
- No fibre print
- High osmosis resistance
- Time-saving due to replacing the first laminate layer
- Hand or spray processing