

Innovative specialities for the composite industry



Gelcoat Plus



BÜFA®-Tooling-System

The complete mould making system
that meets the highest demands



Gelcoats and Special products

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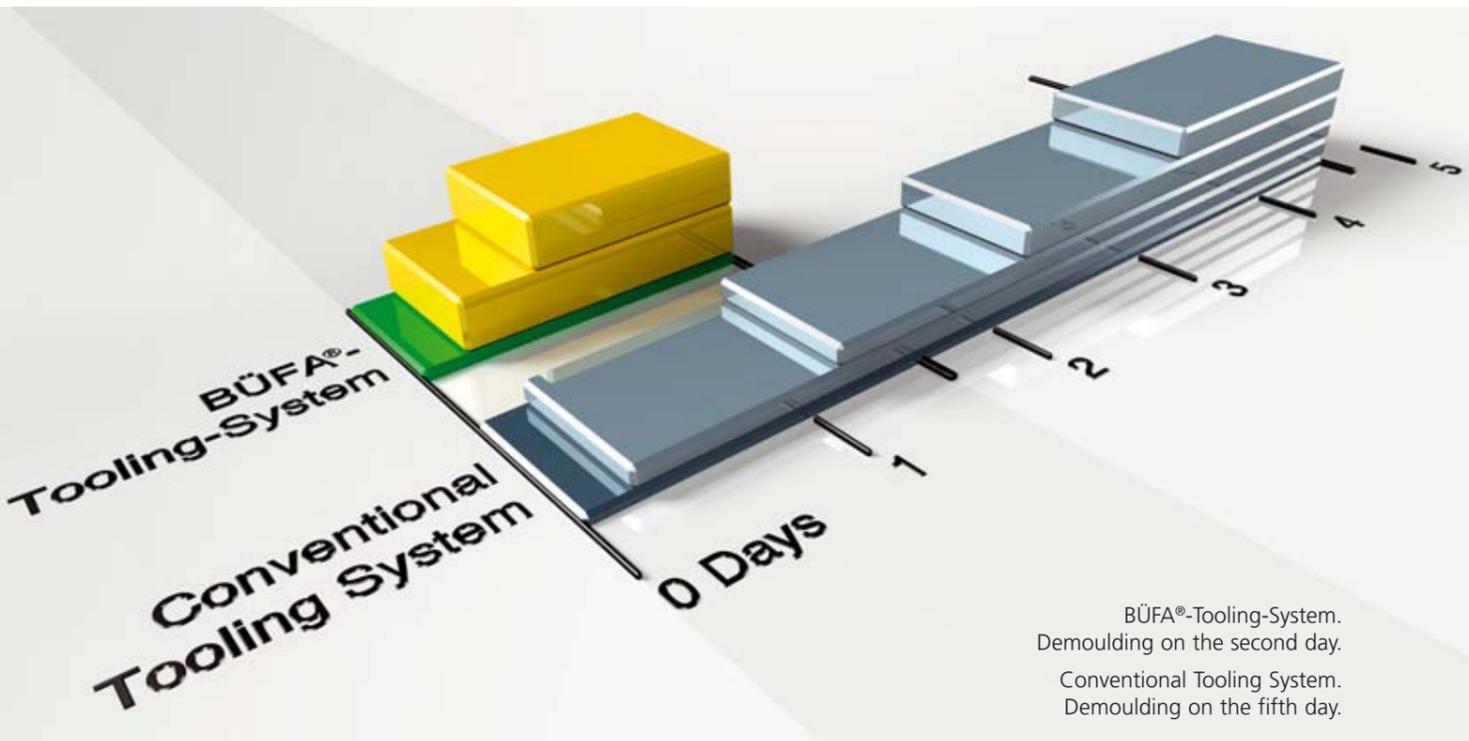
A company of BÜFA and DSM Composite Resins

The information given above is based on our current state of knowledge and experience. In view of the many factors that may influence working conditions and the application of our products, the user is not relieved from carrying out his own tests and experiments. Not legally binding warranty of certain properties or suitability for a particular purpose can be derived from this information. It is the responsibility of the receiver or user of the products to observe proprietary rights as well as existing laws and regulations. The latest version of the corresponding EU safety data sheet must also be observed.

You'll find technical data sheets and further information at
www.buefagelcoatplus.com.

BÜFA®-VE-Tooling-Gelcoat Neomould 1982-W-1

Low styrene content and practically shrink-free



To achieve the greatest contrast to the moulded part, black is the optimal colour for white products. Green is the optimal colour for white products with dark blue stripes. Orange is the commonly used colour for light blue products. Grey is the last colour to complete the series of tooling gelcoats.

BÜFA®-Tooling-System

In the GRP industry, only materials with the best product properties are used for producing the highest quality moulds. Extremely resistant to styrene and heat, high mechanical loading capacity, a permanently good degree of gloss as well as dimensional accuracy are the decisive criteria when it comes to selecting a reliable tooling system.

Thanks to new developments in materials, our new BÜFA®-VE-Tooling-Gelcoats fulfil these criteria. In conjunction with the new low-styrene, fast curing and practically shrink-free Neomould 1982-W-1, it is now possible to produce moulds of the highest technical quality with mirror-like surfaces in just one day instead of a week.

Please find further product information (filler, plasticines, pastes, release agents, mould cleaner and wax) for BÜFA®-Tooling-System in the brochure BÜFA®-Special products.

Neomould 1982-W-1/ Product No. 770-1982

- preaccelerated
- rapid cure for fast mould making
- standard MEKP cure for simplicity and cost efficiency
- peroxide indicator – colour change mechanism
- non-tacky surface
- low density (1,35 g/cm³) - means lighter moulds

BÜFA®-Tooling-Gelcoat

- preaccelerated
- MEKP curable without gassing
- good throughcure
- easy application
- extremely durable, high gloss
- extreme resistance towards styrene and heat

Available gelcoat colours

Colour	Product No. spraying quality	Product No. brushing quality
Black	520-1104	520-2107
Light green	520-1108	520-2109
Orange	520-1110	520-2111
Grey	520-1112	520-2113
Natural	720-1000	720-2000

Our recommended standard solutions:

BÜFA®-Tooling-System for temperatures up to 80 °C with normal loads

- BÜFA®-VE-Tooling-Gelcoat spraying or brushing quality
- 1 layer of 150 g mat, 6 layers of 300 g mat wet-on-wet with Neomould 1982-W-1
- then intermediate curing
- 4 layers of 450 g mat wet-on-wet with Neomould 1982-W-1

BÜFA®-Tooling-System for heavier loads and temperatures up to 80 °C

- BÜFA®-VE-Tooling-Gelcoat spraying or brushing quality
- 1 layer of 150 g mat
- 1 layer of 225 g mat with Atlac 580 ACT

- 24 hour curing
- 6 layers of 300 g mat wet-on-wet with Neomould 1982-W-1
- 4 layers of 450 g mat wet-on-wet with Neomould 1982-W-1

BÜFA®-Tooling-System for temperatures up to 120 °C

- BÜFA®-VE-Tooling-Gelcoat spraying or brushing quality
- 1 layer of 225 g mat with BÜFA®-Laminating-Resin-HT
- 24 hour curing
- max. 2 layers 225 g mat
- 24 hour curing with BÜFA®-Laminating-Resin-HT
- max. 2 layers of 450 g mat
- 24 hour curing with BÜFA®-Laminating-Resin-HT