

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

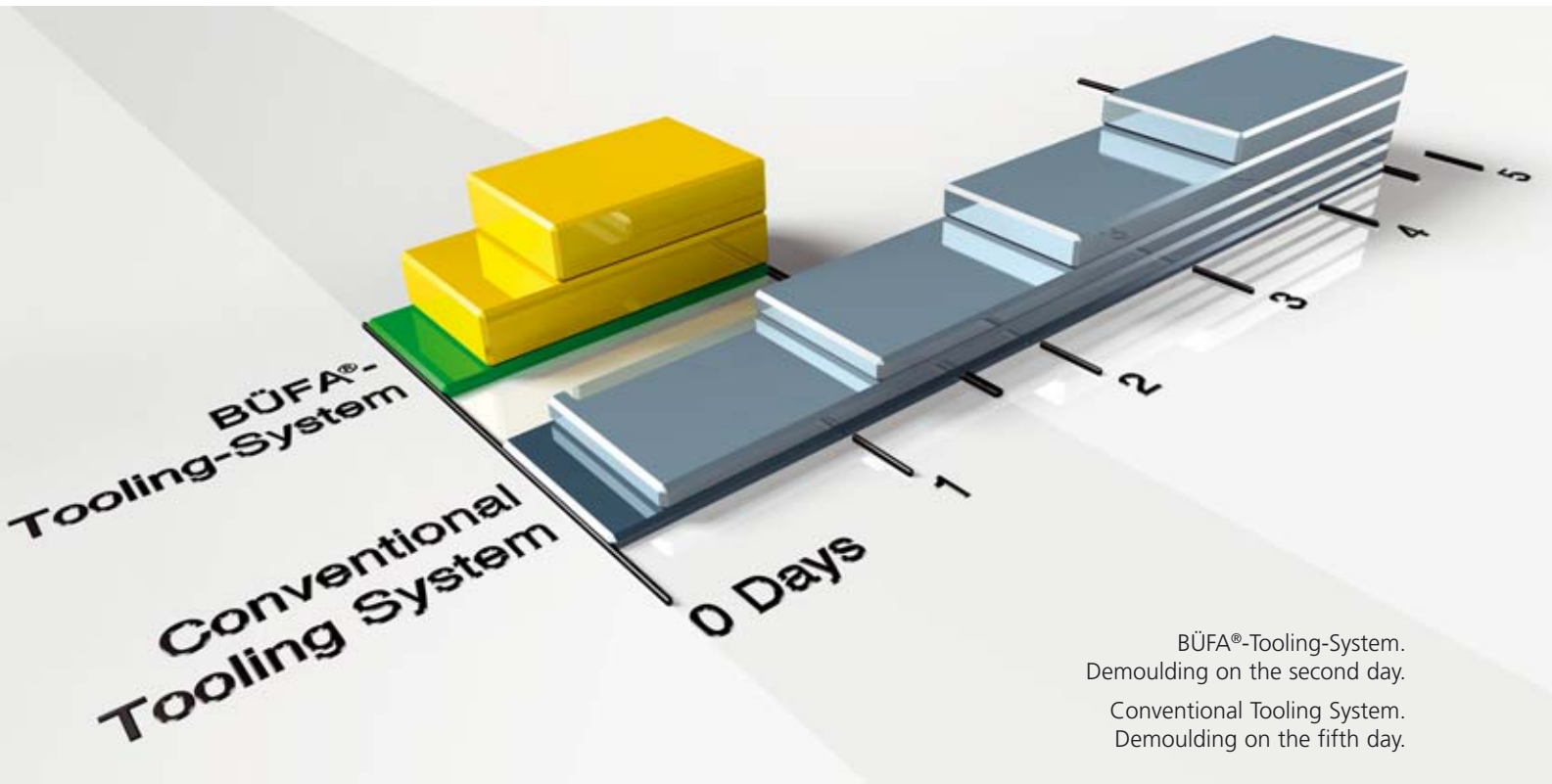
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You'll find technical data sheets and further information at
www.buefagelcoatplus.com.

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



Low styrene content and practically shrink-free



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