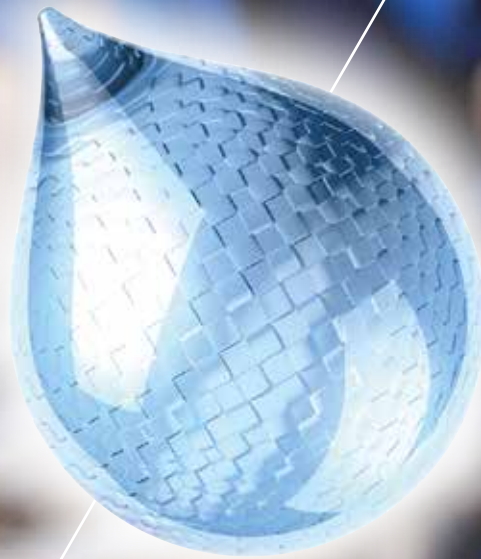


**UP- & VE-Resins,
Epoxy Resin Systems**

High-Quality Matrix Resins





UP- & VE-Resins, Epoxy Resin Systems

High-Quality Matrix Resins

BÜFA®-UP- & VE-Resins are versatile, heat-resistant, and suitable for processes like hand lamination to vacuum-infusion. Perfect for different industries from automotive and marine to railway industry. With the AOC partnership, we guarantee the „best-fit“ for all applications. At BÜFA, we value research & development, sustainability and working with our customers.

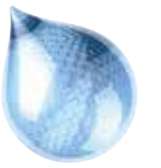
BÜFA®-Epoxy Resin Systems are premium, customizable solutions in our range. Leveraging BÜFA's R&D capabilities, we can tailor these systems to specific customer needs. Our advanced laboratories facilitate quick adjustments for optimized processing and the potential for reduced production times.



Innovative and Sustainable Reactive Resin Specialties.
New Chemistry for Sustainable Composite Components.



Bestfit: Trusted Solutions



BIO-Resins and Styrene-Free Resins

Product name	Item no.	Resin Base	Application	Characteristics	Main Industry
BÜFA®-ECO-Resin UP 6889 biobased	7006889	ITA	HLU / RTM	70 % renewable in styrene	Automotive / Marine
BÜFA®-ECO-Resin UP 2020 HLU styrene free	7002020	Ortho	HLU	Styrene-free in Vinyltoluolene	Automotive / Marine

Hand Lay-Up

Product name	Item no.	Resin Base	Application	Characteristics	Main Industry
BÜFA®-Resin UP 0426 HLU	7000426	ISO	HLU	High hydrolysis resistance, pre-accelerated	Tanks & Pipes
BÜFA®-Resin UP 0428 HLU	7000428	ISO/NPG	HLU	High hydrolysis resistance, pre-accelerated	Tanks & Pipes
BÜFA®-Resin VE 0044 HLU	7000044	VE	HLU	Highest chemical resistance, pre-accelerated	Tanks & Pipes / Swimming Pools

RTM / Resin Infusion / Vacuum Injection

Product name	Item no.	Resin Base	Application	Characteristics	Main Industry
BÜFA®-Resin VE 4360 RTM	7004360	VE	Injection/Infusion	High chemical resistance, very good mechanical properties	Tanks & Pipes
BÜFA®-Resin VE 6520 RTM	7006520	VE	Injection	Class A - filled, high HDT	Automotive
BÜFA®-Resin VE 6580 RTM	7006580	VE	Infusion	Class A - filled, high HDT	Automotive / Marine
BÜFA®-Resin UP 6668 RTM	7006668	Ortho	Injection	High HDT	Automotive
BÜFA®-Resin UP 6601 RTM	7006601	Ortho	Injection Compression Moulding	High HDT	Automotive
BÜFA®-Resin UP 6725 RTM Foaming	7006725	Ortho	Injection	Lightweight construction / Foaming resin	Automotive

Chemically Resistant Applications

Product name	Item no.	Resin Base	Application	Characteristics	Main Industry
BÜFA®-Resin VE 0044 HLU	7000044	VE	HLU	Highest chemical resistance	Tanks & Pipes
BÜFA®-Resin UP 0424 HLU	7000424	ISO/NPG	HLU	High hydrolysis resistance, not pre-accelerated	Tanks & Pipes
BÜFA®-Resin UP 0428 HLU	7000428	ISO/NPG	HLU	High hydrolysis resistance, not pre-accelerated	Tanks & Pipes

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Casting Applications and Filled Systems

Product name	Item no.	Resin Base	Application	Characteristics	Main Industry
BÜFA®-Resin UP 0105 CST	7000105	Ortho	Polymer concrete	Not preaccelerated	Sanitary
BÜFA®-Resin UP 0259 CST	7000259	Flex-UP-Resin	Casting	Flexible	Marine
BÜFA®-Resin UP 0803 CST transparent	7000803	ISO	Casting	UV-stable, transparent	Building & Construction
BÜFA®-Resin UP 0810 CST transparent blue	7000810	ISO	Casting	UV-stable, transparent	Building & Construction
BÜFA®-Resin VE 0812 CST	7000812	ISO	Casting	UV-stable, transparent	Building & Construction
BÜFA®-Resin UP 1031 CST	7001031	Ortho	Casting	High impact strength	Swimming Pools

Tooling Resins

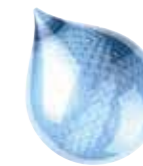
Product name	Item no.	Resin Base	Application	Characteristics	Main Industry
BÜFA®-Resin VE 0910	7000910	VE	HLU	Tiecoat, optional for highly stressed mould tools	All
BÜFA®-Resin VE 7100 Tooling	7007100	VE	HLU / FSU	Class A Rapidtooling-Resin, zero-shrinkage, 120° C, filled	All
BÜFA®-Resin VE 6699 Tooling	7006699	VE	RTM / Infusion	Class A Rapidtooling-Resin, zero-shrinkage, 120 °C, unfilled	All
BÜFA®-Resin VEU 1978 HLU	7001978	VEU	HLU	Tooling Resin, high temperature 140 °C	All

Filament Winding Process

Product name	Item no.	Resin Base	Application	Characteristics	Main Industry
BÜFA®-Resin UP 0123 PVC adhesion	7000123	Ortho ISO	HLU	PVC Coupling Resin	Tanks & Pipes
BÜFA®-Conductive-Resin UP 1430	7211430	VE	HLU	CNT, Conductive GRP	Tanks & Pipes

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Halogen-Free Fire Retardant Resins

Product name	Item no.	Resin Base	Application	Characteristics	Main Industry
BÜFA®-Firestop 8175-W-1	7168175	DCPD	HLU/ Infusion	Fire retardant resin	Sanitary
BÜFA®-Firestop S 425	7160425	DCPD	Infusion	Fire retardant resin	Railway
BÜFA®-Firestop S 440	7160440	VE	Infusion	Fire retardant resin	Railway
BÜFA®-Firestop S 520-NV	7160521	DCPD	Injection	Fire retardant resin	Railway
BÜFA®-Firestop 5001-W-2	7165002	DCPD	HLU	Standard laminating resin, Fire retardancy ATH	Railway
BÜFA®-Firestop S 570	7160570	DCPD	HLU	Low emission, Fire retardant resin	Railway
BÜFA®-Firestop S 585	7160585	VE	Infusion	Class A, Fire retardant resin	Railway
BÜFA®-Firestop EP S 108	7975108	EP	Wet Pressing	Epoxy Fire retardant resin	Automotive

ACR Resins

Product name	Item no.	Resin Base	Application	Characteristics	Main Industry
BÜFA®-Resin UP 0542 ACR	7000542	OP	FSU	Backfilling resin, unfilled	Sanitary / Swimming Pools
BÜFA®-Resin UP 0113 ACR	7000113	OP	FSU	Backfilling resin, filled	Sanitary / Swimming Pools
BÜFA®-Resin UP 0119 ACR	7000119	OP + rPET	FSU	Backfilling resin rPET, filled and rPET based	Sanitary / Swimming Pools

Foaming Resins

Product name	Item no.	Resin Base	Application	Characteristics	Main Industry
BÜFA®-Resin UP 7312 MC Foaming	7007312	OP	Compression Moulding	Foaming resin, gel time: 12 min / Foaming Agent needed	Automotive
BÜFA®-Resin UP 7325 MC Foaming	7007325	OP	Compression Moulding	Foaming resin, gel time: 30 min / Foaming Agent needed	Automotive
BÜFA®-Resin UP 7355 MC Foaming	7007355	OP	Compression Moulding	Foaming resin, gel time: 60 min / Foaming Agent needed	Automotive
BÜFA®-Firestop S 910 Foaming Resin	7960910	OP	Compression Moulding	Fire retardant/ Foaming resin, gel time: 30 min / Foaming Agent needed	Railway / Transportation
BÜFA®-Resin UP 6725 RTM Foaming	7006725	OP	Injection	Foaming resin, gel time: 30 min / Foaming Agent needed	Automotive

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