



Machines and service

- Gelcoat application
- Resin chopper application
- Bonding paste application
- Injection processes
- Laminating roll unit
- Metering devices
- Distillation
- Stirring and mixing equipment
- Construction of special machines
- BÜFAtec service

BÜFAtec GmbH & Co. KG
Hohe Looge 2-8
26180 Rastede
GERMANY
Phone +49 4402 975-0
Fax +49 4402 975-300
buefatec@buefa.de
www.buefa.com
www.buefatec.com

A member of the BÜFA group

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 our products to observe proprietary rights as well as existing laws and regulations.

You'll find further information at www.buefatec.com

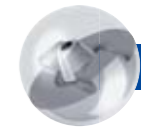
BPU Gamma4

Practical and economical



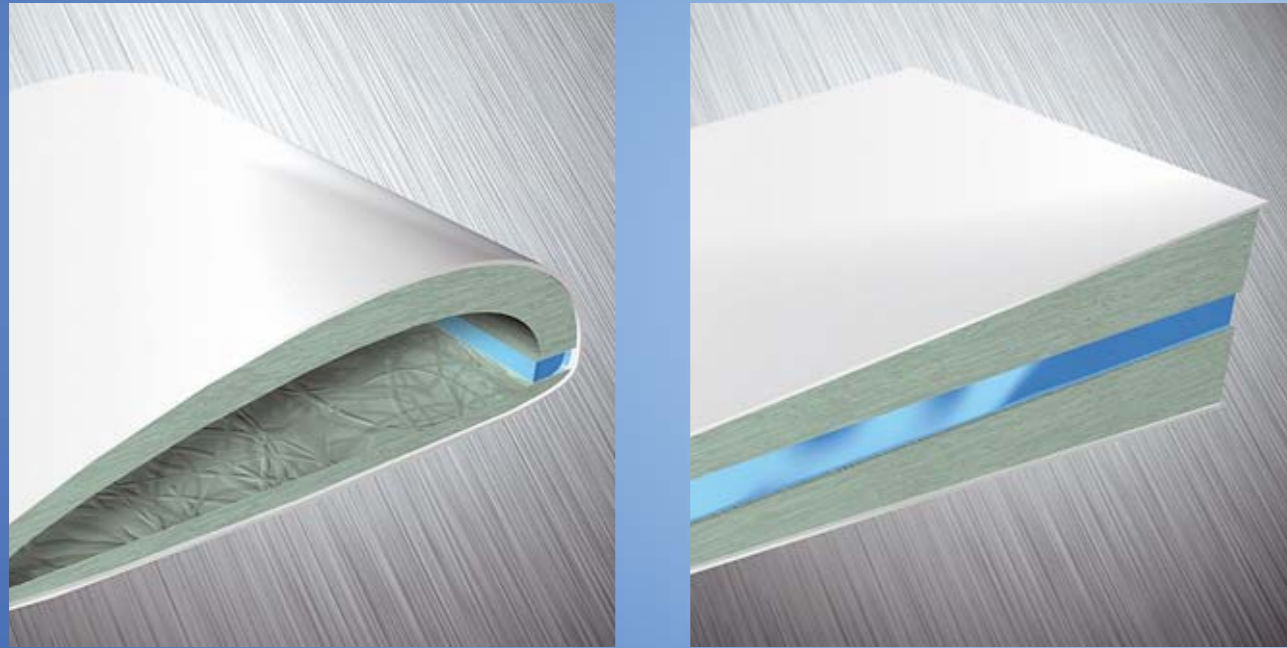
Bonding paste application

BÜFAtec Bonding Paste Unit BPU Gamma4



Bonding paste application

The BÜFAtec Bonding Paste Unit BPU Gamma4 was especially developed for working with bonding pastes directly out of small containers (25 l drums) and is especially suitable for the application of fibre-free and hollow sphere-free products. The bonding paste is worked directly out of a BÜFA drum – it's no longer necessary to refill the bonding paste into another container!



Excellent results are achieved when working with the following BÜFA Gelcoat Plus bonding pastes for high strength bonding as well as structural bonding:

Adhesive	Resin base	Peroxide indicator	Colour	Viscosity (mPas)	Gel time (min)	Curing time (min)	Marine				Rail vehicles	Auto-motive	Other		
							Repair	Deck + hull	Interior walls	Inliner + hull	Deck + insider roofing	Structural bonding	Structural bonding	Mould construction	Rotor blades
740-0110	VE		natural	1.100.000	60	85	✓	✓	✓	✓	✓	✓	✓	✓	✓
740-0250	OP	✓	grey	850.000	17	36			✓		✓				
740-4410	OP	✓	white	625.000	10	21			✓		✓				
740-4425	OP	✓	white	625.000	25	43			✓		✓				
740-4426	OP	✓	white	225.000	25	43			✓	(✓)	✓				

High-strength bonding

740-0110

- VE base
- Very high fatigue strength
- Elasticity
- High static strength
- Excellent resistance to chemicals and hydrolysis
- Cures with MEKP without developing gas
- Machine application
- GL certificate

Structural joining

740-0250, 740-4410, 740-4425, 740-4426

- OP base
- Many variations (geltimes, viscosity, fibre reinforcement)
- Fatigue resistant
- Semi-flexible
- High thixotropy but low viscosity
- Good adhesion to different surfaces
- Contains a peroxide indicator

Application:

Ideal for fibre-free and hollow sphere-free bonding pastes and recommended for an output of up to 50 kg per day.

Advantages of the unit – facts:

- Clearly arranged construction – guaranteed uncomplicated and easy handling
- Compact construction – high mobility
- 2-component mixing head with flushing function – little flushing agent needed
- The bonding paste is removed directly from the container – containers can be quickly switched
- Residue optimised follower plate – practically no waste
- Innovative pump technology – self-regulating pump packings
- VA peroxide tank with visual level control – process safety
- Peroxide pump with spindle mechanism – infinitely variable adjustment of the peroxide + Quickly pays for itself

Specifications

Pump capacity, water	max. 4,6 l/min
Output per cycle	78 ml
Pressure ratio	25:1
Air pressure	6 bar
Air consumption approx.	250 - 400 l/min
Length of hose	7.5 m
Dimensions approx. (L/W/H)	1000 x 1000 x 1600 mm
Weight approx.	190 kg

Subject to change without notice. As April 2011

BÜFAtec Bonding Paste Unit Gamma4

Product No. 028-1130