







At the service of your projects





Non contractual document. We reserve the right to make any changes we deem necessary at any time, with a view to improving our profiles.





The advantages of PVC



Roller shutters



# At the service of your projects

For over 20 years, our team has been dedicated to your projects. Thanks to our expertise in the design and extrusion of profiles, we are able to offer you quality products, innovative and efficient solutions to meet all your expectations.

Geplast Building brings together the entire product range for building professionals in the field of joinery and closure.

Some of our PVC profiles are certified QB59 (mass-coloured finish profiles) and QB33 (profiles with plaxed finish) by the CSTB. For more information, please visit our website : www.geplast.fr.

## **Our expertise**



# The advantages of PVC

It contains less petroleum than other major thermoplastics and therefore has a much smaller carbon footprint. 100% recyclable, insulating and durable over time, PVC brings performance and resistance to our products.

### THERMAL INSULATION

Both flexible and rigid, PVC has excellent insulating thermal and phonic properties.

# MAINTENANCE

Very resistant, the PVC is not sensitive to pollution and external aggressions. Therefore, its maintenance is minimal, a little water and soap are enough.



### FIRE REACTION

Composed of 57% chlorine from salt, PVC is hardly flammable and extinguishes itself once the fire is under control.

With its excellent stability, PVC does not change when subjected to chemicals (salts, alcohols, grease, mineral oils...).



### **GOOD VALUE** FOR MONEY

PVC is one of the most competitive materials on the market. Less expensive than wood and aluminum, the manufacture of PVC<sup>V</sup> remains simple and its use is multiple.



PVC has good dimensional stability and limited shrinkage due to its particularly resistant structure.

### **CHEMICAL** RESISTANCE



# 40%

of our processed materials are recycled materials, or 2394 tons a year.

From the outset, the products in the GEKO range are part of a decarbonized and sustainable life cycle. As a matter of principle, and as far as possible, recycled materials will be used. All offcuts are sorted, crushed and re-extruded.

In addition to recycled material, GEKO uses alternative composites, from almost inexhaustible agricultural resources or bio-sourced materials.

Similar to a "gecko", a type of lizard found in many parts of the world, the products in the range meet three basic requirements :

- eco-responsibility → nature
- product quality  $\rightarrow$  agility •
- customized solutions  $\rightarrow$  great adaptability ٠

Eco-designed by nature

A symbol of Geplast's commitment to environmental protection, GEKO is a new green experience in the history of building, simply because it is "Eco-designed by nature".

### **REFLECTION & DESIGN**

Reflection is the starting point for the design of a product. So we think about the composition of the products, the technical performances we want to obtain as well as the materials to use. The goal is to reduce our environmental footprint as much as possible.

### **RESOURCES CHOICE**

- 100% recycled PVC, obtained through the management of our offcuts transformed into extruded co-products or from our local recycling partners.
- Use of bio-sourced materials such as Loryza<sup>®</sup>. Composed of **60% natural** material (rice husk), it contains a much lower proportion of petroleum than virgin PVC.

At Geplast, 200 tons of recycled material are used per month to make our products, representing 37% of our total production.

For example, the proportion of recycled material in our new IrYs box is **98%**, more than **80%** in our window treatments and 60% for our products made of Loryza® material for the outdoor range.

### TRANSFORMATION EXTRUSION

We favor co-extrusion\* for the development of our GEKO products.

The visible outside is made of 0.5 mm of virgin material to keep the technical aspects on the surface and the inside is made of recycled material.

The eco-design of our products also involves thinking about energy savings, for example by changing the cooling system of our machines. They will be more energy efficient.

### **REDUCING OUR CARBON FOOTPRINT**

The eco-design of our products also involves reducing our carbon impact. Since 2018, Geplast's R&D department and the firm EVEA have been conducting a study to calculate the carbon costs of our recycled materials and measure the energy consumption of some of our extrusion lines. This questioning is formalised by the EPR, which was introduced in 2023 and which should over the years require manufacturers to carry out Life Cycle Analyses (LCAs) in order to produce Environmental and Health Declaration Sheets (EHSDSs) for each product, which will be published in the Inies database and checked by inspection bodies.

### MORE LABEL

For the fifth year running, Geplast has been awarded the first European label recognising our commitment to reducing the environmental footprint associated with the manufacture of our products by promoting the use of recycled raw materials.

Awarded by the French Plastics and Composites Federation (Fédération de la Plasturgie et des Composites), the MORE label (MO bilisés pour RE cycler) is proof of our progress in incorporating recycled materials into the production of our profiles.





\*This extrusion process makes it possible to obtain a product combining two different formulations to form a single product.

### **DELIVERY TO CUSTOMERS**

To limit our carbon footprint, our deliveries are optimized to avoid round trips.

### USE

Our customers generate co-products which we recover and purchase for re-use.

### END OF LIFE RECYCLING

The lifespan of PVC products is 30 years. They are then recovered and recycled by waste treatment companies. Once this step is completed, Geplast takes back the recycled material to create new profiles and products.





# ROLLER **SHUTTERS**

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# Our range of boxes

Geplast offers the widest range of roller shutter boxes on the market, in order to respond to all installation problems. Whether for new construction or renovation, whatever your joinery, you will find a solution adapted to your situation.





Made from 98% recycled material.

It meets the requirements of sustainable construction and the RE2020.

The first box on the market to obtain a technical opinion for window widths of up to 3.50 m.





Available in 3 sizes : 168, 205 and 235 mm

FoKus® perfectly meets the new energy standards : thermal, acoustic and aeraulic. These values are certified by PV of the CSTB and the FCBA.



**RE 2020** 

INNOVATION



The technical specifications of each box are available in PDF format on request. Please contact our customer service.





Access to the mechanism from the inside, ideal for collective housing.

joinery.





Perfect for the renovation of your buildings.

Ideal with solar motorization use.





joineries.

# **PVC EXTERIOR RENOVATION BOX**

Preserves the intrinsic performance of the

Ideal for new generation buildings with thermal insulation from the outside.

Adaptation on all PVC, ALU and WOOD





TECHNIQU

n°6/22-2433\_V1 - Published on 18/06/2025 End of validity on 31/07/2028

FDES n°32377





### HALF-LINTEL BOX

Designed to be part of a sustainable construction approach, the new IrYs half lintel box is made from 98% recycled material.

It therefore meets the challenges of the RE2020 (lowcarbon construction) and offers genuine thermal and acoustic insulation and airtightness performance for the end user.



TECHNICAL



**INSTALLATIONS** 

Installation on timber-frame house



Half-lintel installation

### A TECHNICAL RESPONSE

IrYs<sup>®</sup> is mainly suitable for two types of installation :

IrYs<sup>®</sup> BSO SLAT

- Traditional masonry with maximised winding at **ø200**,
- Timber frame with maximised winding at **ø160**.

It is compatible with all types of solar protection : Lame Bioclimatique®, long-span slats for XXL bays up to **3.50 m**, standard market slats, **BSO** and **insect screens** (better management of solar gain, avoids overheating in buildings in summer and considerably reduces the use of air conditioning).

The assembly of this patented box is fast and industrial:

- simple clipping of end caps, brackets and integration of tulips and brackets (no screws and no silicone).
- the support lugs system is easy to install, there is no need for steel reinforcement,
- after-sales service is facilitated by the removable drawers



### **CERTIFIED PERFORMANCE**

THERMAL : Up = 0,64 W/m<sup>2</sup>.K as 120 mm fixed frame

ACOUSTIC : **Dn,e,w + Ctr 56 dB** in standard configuration, Dn,e,w + Ctr 59 dB with options **Dn,e,w + Ctr 55 dB** in standard configuration with the ventilation grid (PV CSTB)

AERAULIC : Air flow : C\*4 with winch and motor (PV CSTB) Wind : **V\*4** opening widths of 3.5 m with support lugs RF038 (PV CSTB)

1<sup>st</sup> roller shutter box on the market to obtain technical approval for window widths of up to 3.50 m

### PLANKS IRYS® (200 MM) FOR HALF LINTEL INSTALLATION



### PACK SIZES

	VR071	VR072	VR073
Bars of 6 ml / pack	2	2	2
Bars of 6 ml / container	30	100	150
Bars of 6 ml / half container	-	50	-

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### PLANKS IRYS® (160 MM) FOR INSTALLATION ON **TIMBERFRAME HOUSE AND EXTERIOR THERMAL INSULATION**



### COLORS OF UNDERSIDES "FLORAL"

The "Floreal" colour is derived from the recycling of unused resources in production. The boards can therefore take on different shades.

### NEW MONOBLOCK UNDERSIDES

### VR078



VR079

Underside panel 198 mm 5 bars of 6 ml / pack 87 bars of 6 ml / container



### The new undersides are more robust thanks to their 17mm thickness.

They feature an integrated rail-hiding spoiler to optimize inventory and logistics.

They fit all tunnel and 1/2-tunnel boxes.

To avoid warping, we recommend storing the undersides in a dark place, flat along the entire length of the profile.

### NEW ANGLE BRACKET AC099 FOR UNDERSIDES

AC099 The underside new reinforcement bracket for tunnel and half-lintel boxes has been designed to eliminate deformation on long lengths. Compatible with our range of fascias and finishing profiles, it is screwed directly into the box (pre-drill if using non-self-drilling screws). Plus, AC099 is made from 100% recycled material.

### **UNDERSIDES 8MM**

### VR057

Underside panel 200 mm

4 bars of 6 ml / pack	
108 bars of 6 ml / container	

### VR058

Underside panel 185 mm





### VR060

Underside panel 193 mm 4 bars of 6 ml / pack 108 bars of 6 ml / container



### **UNDERSIDES & RAIL COVER COLORS**

A difference in finish between the underside and the rail cover may exist for dark mass-colored colors.

### MASS COLOURED



PLAXED								80+ plated i available up	
NEW									
Galaxy Nero Mattex	White Mattex	Anthracite grey	Black ulti-matt	Grey brown Smooth 2	Quartz gray	Grey Mattex	Black brown	DB703 Mattex	Golden oak
F470-1034	F470_6030	F436-7003	002-504700	055-809700	F436-6047	F470_6066	F436-6071	F470-1014	2178.001-167
2100 sablé	RAL 9016	RAL 7016	RAL9005	8019	RAL 7039	RAL 7042	RAL 8022	2900 sablé	RAL 8001

### **RAIL COVER** UNDERSIDES 8MM

### VR061

Patented universal finishing profile 18 bars of 6 ml / pack



### **ACESSOIRES**

### **RF023**

Steel underside stiffener 10 bars of 6 ml / pack Significantly improves the inertia and deflection of the underside.



 $\Delta \triangleleft$ 

 $\Lambda \triangleleft$ 

Patented universal

Colors Black

### AC099\_N0004 Reinforcement bracket 100 pieces / box













### ACERMI n°20/256/1488/1



### SOLAR PROTECTION





Fokus® ZIP Blind screen



BSO SLAT

### **COLORS OF THE PLANKS** MASS COLOURED





ALUMINIUM FILMED

80+ plated film decors available upon request

PLAXED

FoKus®

Lame Bioclimatique®



### **INTERIOR WINDING BOX**

FoKus<sup>®</sup> is available in 3 sizes : 168, 205 and 235 mm.

### **A TECHNICAL RESPONSE**

The FoKus® box has several features. It can be installed on all types of joinery thanks to the patented universal adapter concept. Compatible with all maneuvers, it can be used with PVC or ALU aprons and rails

FoKus® is compatible with the bioclimatic slat and can also accommodate a **BSO (Solar shading)**. It also has the option of "Underside access" to facilitate maintenance work from the inside.

Customizable thanks to its many available finishes (mass-coloured, plaxed or aluminum filmed).

### **INSTALLATIONS**



New installation



Installation as external thermal insulation



Installation on timberframe house

DISQUE DE BRONZE

INOVYN

AWARDS

2019







### **CERTIFIED PERFORMANCE**

### THERMAL :

Uc = 0,76W/m<sup>2</sup>.K. with 120 mm frame (FoKus 168 mm) Uc = 0,82W/m<sup>2</sup>.K. with 120 mm frame (FoKus 205 mm) Uc = 1,32W/m<sup>2</sup>.K. with120 mm frame (FoKus 235 mm)

### ACOUSTIC :

Dn,e,w + Ctr 54 dB in standard configuration (PV CSTB) (FoKus 168mm & 205mm) Dn,e,w + Ctr 56 dB with VMC ventilation (FoKus 168mm & 205mm) Dn,e,w + Ctr 57 dB with acoustic insulation (FoKus 168mm & 205mm)

### **AERAULIC** :

Air flow : C\*4 with motor, winch and TSL and C\*3 with strap Wind : **V\*4** in 3 ml width

### **DURABILITY TESTS :**

1,000 pressure/vacum cycles without screwing down the inner reinforcement

The FoKus<sup>®</sup> interior roller shutter box range combines all the requirements for tomorrow's buildings by reducing its overall impact on human health (solar gain management, perfect air tightness, maximum acoustic comfort) and on the environment (high thermal insulation and product recycling at the end of its life).

FoKus<sup>®</sup> reached 54 dB in standard configuration.

It thus perfectly meets the new energy standards: **thermal, acoustic and aeraulic**. These values are certified by the PV of the CSTB and the FCBA.

### FOKUS® 205 MM









### **PLANKS** FOKUS® 168 MM



### **PLANKS** FOKUS® 205 MM



### PLANK KITS 168 MM

VRKI1C

4 planks kit VR026 + VR029F + VR031F + VR054F

1 kit / pack 18 kits / container



### **VRKI1CE**

Two-colour 4 panels kit: 3 white PVC panels VR026 + VR031F + VR054F and coated exterior facade VR029 (standard colors available) 1 kit / pack 18 kits / container



PLANK KITS 205 MM

### VRKI2C 4 planks kit :

VR020F + VR024F + VR026 + VR054F

1 kit / pack 18 kits / container



### VRKI2CE

Two-colour 4 planks kit : 3 white PVC panels VR020F + . VR026 + VR054F and coated exterior facade VR024 (standard colors available) 1 kit / pack 18 kits / container



### PACK SIZES

	VR020F	VR024F	VR026	VR029F	VR031F	VR054F
Bars of 6 ml / pack	4	4	4	4	4	4
Bars of 6 ml / container	72	90	74	120	108	96

### PLANKS FOKUS® 235 MM



### PLANKS FOKUS® 235 MM WITH BSO



### PACK SIZES

	VR022	VR024
Bars of 6 ml / pack	4	4
Bars of 6 ml / container	160	90

18

### **PLANK KITS** 235 MM **VRKI3C** 5 planks kit : VR024 + VR026 + VR054F + VR069 + VR070 1 kit / pack 16 kits / container **VRKI3CE** Two-colour 5 planks kit : VR070F + VR026 + VR054F and coated exterior facade VR024 and VR069 1 kit / pack 16 kits / container

### **VRKI3D - SWIVELLING SUNSHADE** INTEGRATION KIT VERSION

5 planks kit : VR022 + VR024 + VR026 + VR069 + VR070 1 kit / pack 16 kits / container



VR026

4

74







### LET'S RENOVATE THE CITY OF TOMORROW

3 active patents on the box. Ideal for the renovation of your buildings.

### A TECHNICAL RESPONSE

Under technical approval, the Reno City<sup>®</sup> is characterized as a compact box offering a **144 mm clear** glazing, while maintaining a maximum roll-up diameter of 170 mm. Moreover, it has an excellent thermal and acoustic insulation.

Equipped with an integrated ALU stiffener, it allows the realization of large width boxes (3 ml) with a plaxed finish.

Another advantage is **the integration of a drawer, which facilitates maintenance intervention**, and the patented clip-on system of the brackets, which allows the use of narrow slides. It also accepts all market maneuvers and is ideal for solar motorization use.

### THE CHOICE OF THE SOLAR MOTORIZATION

Reliable and easy to install, the solar motorization has many advantages and is perfectly integrated into the Reno City<sup>®</sup>.

Installed in the box, the solar motorization works with a sensor that charges the battery and powers the motor. With its integrated solar motorization, Reno City is **the only window** box on the market to offer a completely independent window-cabinet installation that is **disconnected** from the home's general electronic system.



### SOLAR PROTECTION



Reno City<sup>®</sup> ZIP - Blind screen



Reno City® Lame Bioclimatique®

### INSTALLATIONS



Installation as external thermal insulation









Installation on timber-frame house



White

Beige





### **PLANKS - RENO CITY®**



### PACK SIZES

	VR022	VR031F	VR063F	VR0
Bars of 6 ml / pack	4	4	2	4
Bars of 6 ml / container	160	108	30	72

### **CERTIFIED PERFORMANCE**

### THERMAL :

Uc = 1,03 W/m<sup>2</sup>.K. with standard EPS Uc = 0,67 W/m<sup>2</sup>.K. with reinforced thermal insulation made of graphite EPS

ACOUSTIC : Dn,e,w + Ctr 45 dB standard and up to 51 dB

AIR FLOW : C\*4 (AT Value)

WIND : V\*4 with opening width up to 3 m (AT Value)





### **RF026** 068



### **PLANKS - GVR.R**

### **RENOVATION INSTALLATION**





### **PVC EXTERIOR RENOVATION BOX**

For easier installation and maintenance.

### A TECHNICAL RESPONSE

The GVR.r box is assembled independently of the joinery and is fixed directly by screwing (O silicone, 0 fixing bracket).

The maintenance of the mechanism is facilitated thanks to the access from the inside. Its winding diameter is 160 mm and it can be operated by winch, motor and solar motorization.

### SOLAR PROTECTION



### **INSTALLATIONS**



Renovation installation



Installation as external thermal insulation



### PACK SIZES

	VR023	VR031F	VR062	VR063
Bars of 6 ml / pack	4	4	6	2
Bars of 6 ml / container	150	108	-	30

### END PLATES

AC047 Bearing plate 25 parts / box

### AC048 Motor plate 25 parts / box





### **CUSTOMISATION**



**CERTIFIED PERFORMANCE** 

The GVR.r box preserves the intrinsic performance of joinery.



upon request







### EXTERNAL WINDING BOX

Ideal in new-generation buildings with exterior thermal insulation.

### A TECHNICAL RESPONSE

This box adapts to all the joineries of the market: **PVC**, **ALU and WOOD**. Its roll-up diameter is 186 mm and its access is easy thanks to the interior trapdoor for the first floor.

All types of maneuvers are possible with the exit of the winch on the front or on the underside. The box comes with a screen kit, a set of PVC and ALU guides.



### **SOLAR PROTECTION**



— Installation as external thermal insulation.

### INSTALLATIONS



 Installation on timber-frame house



Half-lintel installation (1<sup>st</sup> floor access through interior hatch)

### PACK SIZES

	VR020F	VR021	VR022	VR023
Bars of 6 ml / pack	4	4	4	4
Bars of 6 ml / container	72	70	160	150

The GVR.e is used exclusively for an assembly with a recess between the internal wall of the box and the plane passing through the interior side of the fixed frame or opening casement.



### **CERTIFIED PERFORMANCE**

THERMAL :  $Uc = 0.54 \text{ W/m}^2$ .K.

ACOUSTIC : Dn,e,w + Ctr up to 50 dB (FCBA report)

**AIR FLOW : C\*4** for all installations (new/reno) and operations on the market (strap, winch, motor) – (AT value)

WIND : V4\* with opening width up to 3 m (AT value)

### PANEL KIT

VRKE2 5 planks kit [2 x VR020F]+VR021+VR022+VR023 1 kit / pack 18 kits / container





VRKE1

COLORS OF THE PLANKS MASS COLOURED White Beige Mouse grey PLAXED



80+ plated film decors available upon request

4 planks kit VR020F+VR021+VR022+VR023F 1 kit / pack 18 kits / container

**VR028** 

10





Lame	Biocl	imatiq	ue®
		ON REGISTRATE	

A Geplast Building innovation



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### **ITS STRENGTHS**

### ♦ Solar gain management

living rooms.

### • New functionalities

Safety functions and total opacity in the closed position for optimum sleeping comfort thanks to the development of our rubber seals integrated into our sliders.

Improved acoustic comfort when raising / lowering the apron.

### • Easy to implement

Ideal for large widths bay.

### **REGISTERED TRADEMARK AND MODEL**



(EUIPO).



Lame Bioclimatique<sup>®</sup> is a trademark of Geplast Building and is registered with the Institut National de la Propriété Industrielle (INPI).

Control of solar gain with 4 times more light and ventilation in the home than a standard slat for optimal comfort in summer.

Exceptional visibility toward outside in the open position.

Regular micro-punching diffusing a soft and soothing light within the

Integrated insect screen and blind functions.

Available in PVC or aluminium.

Manufacture and installation identical to a standard slat.

The shape and aesthetics of Lame Bioclimatique® are protected at European level by the European Union Intellectual Property Office

### **AVAILABLE COLOURS** Lame Bioclimatique<sup>®</sup> & final slat

Please contact us to discover the other colors.

### ALUMINIUM LAQUERED COLOURS Umber grey | RAL 7022 Beige | RAL 1015 Black 2100 sanded code : VR040AJ\_AL2100S code : VR040AJ\_AL7022 code : VR040AJ\_AL1015 Alu natural | RAL 9006 White | RAL 9016 Anthracite grey | RAL 7016 code : VR040AJ\_AL9006 code : VR040AJ\_AL9016 code : VR040AJ\_AL7016 PVC Grey 2900 sanded Dark brown | RAL 8019 code : VR040AJ\_AL2900S code : VR040AJ AL8019 COLORS MASS COLOURED Light grey | RAL 7035 Black 9005 White | RAL 9016 code : VR040AJ\_AL7035 code : VR040AJ\_AL9005 code : VR040AJ\_BL012

### PERFORMANCES



### AERAULICS

Safety pressure classes 1.5p (N/m<sup>2</sup>) Tests as an indication

Width Height	1000	1200	1400	1600
2250 mm	V*6	V*5	V*4	V*3
1400 mm	V*6	V*5	V*4	V*3

### LIGHT TRANSMISSION

Normal / hemispheric light transmission factor : T<sup>nh</sup> = 3% (PV CSTB)

The bioclimatic slat, in the openwork position, is comparable to a awning fabric or ZIP blind in terms of light comfort and provides excellent glare control.

Solar radiation transmittance inside the building, roller shutter closed				
Light colours (white, light grey)	(L* ≽82)	Sws = 0,05		
Dark colours (brown, black,)	(L* ≼82)	Sws = 0,10		



### AERAULICS

Safety pressure classes 1.5p (N/m²) Tests as an indication

Width Height	0 to 2000	2100	2200	2300 to 2400	2500	2600 to 2800	2900	3000
2250 mm	V*6	V*5	V*5	V*5	V*4	V*4	V*3	V*3
1400 mm	V*6	V*6	V*6	V*5	V*5	V*4	V*4	V*4

### AIR PERMEABILITY

The bioclimatic slat allows an airflow (overventilation that allows the air in the house to be cooled):

Qa = 939m<sup>3</sup>/h per m<sup>2</sup> of deck (PV CSTB)

### **CORROSION RESISTANT**

New, more corrosion-resistant aluminium strip. Salt spray test (PV CSTB).

customer's premises.	sted vertically upwards and downwards bef	fore b	eing installed	on the	
Lame Bioclima					
Σ	NEW				
	New 0.30mm s	trip.	Nominal	thickness	8,7 mm
	achevied with 99.5% recycled alumiv		Working	height	15 mm
<b>1</b> 5	& more resistant to corros			of slats / m	67
⋖ । <del>&lt;&gt;</del>	New high density foam 115Kg/m3	3 for	Weight		5 Kg/m²
	exceptional rigi		Max widt	h	3 m
		J	Max surf		7 m²
			Standard		6 m
	LU openwork roller shutter 15 x8,7mm ack or 5 trays of 13 slides				
			Nominal Working	thickness beight	8,7 mm 15 mm
				of slats / m	67
15	-		Weight		5 Kg/m²
VR040AJ			Max widt	L	
	LU openwork roller shutter 15 x 8.7 mm				1,6 m
	ack or 5 trays of 13 slides		Max surf Standard		3 m² 6 m
<b>R081F_AL</b> inal slat 49 x 8,5 mm ) bars of 6 ml / pack	49.35 b		Insta	llation FoKus 22 Timber frame ALU bioclin anthracite g	e assembly natic slat
<b>R081F_AL</b> nal slat 49 x 8,5 mm ) bars of 6 ml / pack	49.35 b	:	WINDING DIAME	FoKus 23 Timber frame ALU bioclin anthracite g TERS IN BOXE	e assembly natic slat grey 7016 S
CO81F_AL nal slat 49 x 8,5 mm bars of 6 ml / pack CQUERED COLORS IN S Gloss white 9016	Satin anthracite 7016	:	VINDING DIAME	FoKus 23 Timber frame ALU bioclin anthracite g TERS IN BOXE Maximum heigt	e assembly natic slat grey 7016 S Maximum
CO81F_AL nal slat 49 x 8,5 mm bars of 6 ml / pack CQUERED COLORS IN S Gloss white 9016		:	WINDING DIAME	FoKus 23 Timber frame ALU bioclin anthracite g TERS IN BOXE	e assembly natic slat grey 7016 S
CO81F_AL nal slat 49 x 8,5 mm bars of 6 ml / pack CQUERED COLORS IN S Gloss white 9016 + other colours a	TOCK Satin anthracite 7016 available, similar to those of slat from 60ml unwards	Ν	VINDING DIAME Aaximum number of slats	FoKus 23 Timber frame ALU bioclin anthracite g TERS IN BOXE Maximum heigh under box	e assembly natic slat grey 7016 S Maximum winding Q
CO81F_AL nal slat 49 x 8,5 mm bars of 6 ml / pack CQUERED COLORS IN S Gloss white 9016 + other colours a	STOCK Satin anthracite 7016 available, similar to those of slat from 60ml upwards	N 235	VINDING DIAME Maximum number of slats 164	FoKus 23 Timber frame ALU bioclin anthracite g TERS IN BOXE Maximum heigh under box 2450	e assembly natic slat grey 7016 S nt Maximum winding Ø Ø 200
COUERED COLORS IN S Gloss white 9016 	TOCK Satin anthracite 7016 available, similar to those of slat from 60ml upwards FoKus 2 FoKu	235 205	VINDING DIAME Maximum number of slats 164 180	FoKus 23 Timber frame ALU bioclin anthracite g TERS IN BOXE Maximum heigh under box 2450 2700	e assembly natic slat grey 7016 S Maximum winding Ø Ø 200 Ø 200
COUERED COLORS IN S Gloss white 9016 	STOCK Satin anthracite 7016 available, similar to those of slat from 60ml upwards	235 205 168	Aximum number of slats 164 130	FoKus 23 Timber frame ALU bioclin anthracite g TERS IN BOXE Maximum heigh under box 2450 2700 1950	e assembly natic slat grey 7016 S Maximum winding Ø Ø 200 Ø 200 Ø 180
COBIF_AL hal slat 49 x 8,5 mm bars of 6 ml / pack CQUERED COLORS IN S Gloss white 9016 + other colours a Bioclimatic	Image: start of the set of slat from 60ml upwards       IrYs         FoKus 2       FoKus 2         Image: start seal       GVR.6	235 205 168	Aximum number of stats 164 180 130 90	FoKus 23 Timber frame ALU bioclin anthracite g TERS IN BOXE Maximum heigh under box 2450 2700 1950 1350	e assembly natic slat grey 7016 S Maximum winding Ø Ø 200 Ø 200 Ø 180 Ø 145
CO81F_AL nal slat 49 x 8,5 mm bars of 6 ml / pack CQUERED COLORS IN S Gloss white 9016 	STOCK Satin anthracite 7016 Satin anthracit	235 205 168 e L	VINDING DIAME Maximum number of slats 164 180 130 90 150	FoKus 23 Timber frame ALU bioclin anthracite g TERS IN BOXE Maximum heigh under box 2450 2700 1950 1350 2250	e assembly natic slat grey 7016 S Maximum winding Ø Ø 200 Ø 200 Ø 200 Ø 180 Ø 145 Ø 185



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Nominal thickness	8,7 mm
Working height	15 mm
Number of slats / m	67
Weight	5 Kg/m²
Max width	3 m
Max surface area	7 m²
Standard length	6 m

Nominal thickness	8,7 mm
Working height	15 mm
Number of slats / m	67
Weight	5 Kg/m²
Max width	1,6 m
Max surface area	3 m²
Standard length	6 m



The heights under the box are given as an indication and must be verified by tests in situ at the assembler's.

## Rails and rubber seals

### It is imperative to use the PVC/ALU guides, rubber seals and end slats, without which GEPLAST declines all responsibility.

Designed and extruded in ABS and soft PVC for better resistance to heat and shrinkage, our rubber seals can be integrated with Geplast's PVC or ALU guiderails as well as with traditional and renovation quiderails on the market.



With traditional aluminium guiderails and market renovations :



AC191 N0004 Black rubber seals 5 x 4.7 mm 50 bars of 6 ml / pack



AC117 N0004 Black rubber seals 6,7 x 5,1 mm 50 bars of 6 ml / pack



AC100 N0004 Black rubber seals 5 x 4.9 mm 50 bars of 6 ml / pack



AC118 N0004 Black rubber seals 6,7 x 4,7 mm 50 bars of 6 ml / pack



NB : the bioclimatic slat is used with the PVC guide and the coextruded joint : JC10

AC103 N0004

Black rubber seals

5 x5.1 mm

50 bars of 6 ml / pack

AC119 N0004

Black rubber seals

6,7 x 6 mm

50 bars of 6 ml / pack

In accordance with FFB guidelines, roller shutters, when deployed, can sometimes present a wavy appearance. This phenomenon is accentuated for large products. Find out more about the Quality Assessment Guide for roller shutters, available and downloadable from the websites : www.geplast.fr and www.groupement-actibaie.org.

Assembly of the

guiderail

### SPECIFIC MACHINES

Geplast has set up a partnership with manufacturers of machines and roller shutter end caps. These end caps, to be placed at the edges of the slats, offer many advantages :

- ◆ Reduced manufacturing time
- Easier to roll up the apron
- Keeping the slats in place against translation
- Anti-noise and anti-friction clamping system





Machine for cutting and assembling aluminium roller shutter apron



### END CAP FOR 15 MM BIOCLIMATIC SLAT



30

ALUMINIUM

Manual stapler

Automatic stapler

The end cap is attached to the left and right ends of the PVC and aluminium slats. Its role is to stop the horizontal translation of the slats in order to guarantee an optimal operation of the bioclimatic roller shutter.



### **ALUMINIUM SLAT FORMING MACHINE**

"This integration has enabled us to acquire new technical skills in-house and to fully control the production of our bioclimatic slat.

Made from 99.5% recycled aluminium strip, the Lame Bioclimatique<sup>®</sup> is part of a "responsible" approach. It enables us to meet the challenges of the RE2020, which now requires the control of ventilation and solar gain within homes".

> Maxime Grimault Sales & Marketing Director

### COMPARISON ROLLER SHUTTER SLATS





"Classic" blade 43 mm

0.8 x 12mm openings 312mm<sup>2</sup> for 1m of slats 22 openwork slats for 1m height

> 6,900mm<sup>2</sup> for 1m<sup>2</sup>, 0.7 % of openings





"Micro-perforated" blade 43 mm

Holes 1.5mm diameter 588mm² for 1m slat 22 openwork slats for 1m height

> 12 900mm<sup>2</sup> for 1m<sup>2</sup>, 1.3 % of openings

### Lame Bioclimatique® 15 mm

Holes 1.5mm diameter 588mm<sup>2</sup> for 1m of slats 52 openwork slats for 1m height

> 30 600mm<sup>2</sup> for 1m<sup>2</sup>, 3% openings

### 3/0,7 = 4,3

Bioclimatique slat therefore has 4x more light and air than a "conventional" blade.

Normal/hemispherical light transmission factor hemispherical: Tvnh = 3% (PV CSTB)

# Lame Bioclimatique® TRADEMARK & DESIGN REGISTRATED



# Guides

### **PVC GUIDES - THICKNESS 2,5 MM**

### By default, all our veneered PVC guides are delivered with a 12 mm passage (11 mm slat).



### **ALU GUIDES**





6 bars of 6 ml / pack



**VR010 AL** 

Double guide

30 mm

4 bars of 6 ml / pack

8/

**VR004 AL** Tapped renovation guide 30 mm with spoiler



**VR013 AL** Single guide 30 mm at 90° with spoiler

6 bars of 6 ml / pack



### SEALING PLATES

For VR004, VR014 and VR007



AC002 Rolls 200 pairs / pack



AC008 For VR008 and VR018 Rolls 200 pairs / pack

AC007







VR035JC Single guide 30 mm at 93°

Beige Mouse

6 bars of 6 ml / pack

















### **VR005 AL** Single guide 30 mm à 93°

6 bars of 6 ml / pack



VR015 AL Single guide 30 mm at 93° with spoiler 6 bars of 6 ml / pack





VR018\_AL Tapped renovation guide 40 mm







### **BLOCKS FOR GUIDES**



# **Practical guide**

### SCREWING

To screw the guides to your frame, we recommend two SFS screws :









The blocks are all to be fixed with an SFS reference stud screw : SPK/5-74/GS - 4x10

### CONFIGURATIONS

Our range of blocks makes it easier to use the key for renovation doors with lock. It prevents the plank from rubbing on the sliding PVC casements. The VR065 filler plate includes the 120 mm guide when combined with a 40 mm tapped guide (ideal for coated joinery).

The blocks offset the panel of the joinery in the following cases :

### **ASSEMBLY ON TAPPED GUIDE**



### **ASSEMBLY ON DOUBLE GUIDE**





To obtain all the technical documents, including all the installation configurations, please contact our customer service department : **commercial@geplast.fr** 



ASSEMBLY ON SLIDING GUIDE

**ASSEMBLY ON LOCK HOLDER** 



# JOINERY

40	Renovation joir
40	Complete rem
43	Profiles for cla
43	> Flaps
46	Corner angle
49	Flat sections
49	> Panels
50	Tapped inser
54	> Tapped
54	> Glazing bars
55	> Drainage cha
55	Connecting p
56	> Trim mouldir
57	> Miscellaneou
<b>59</b>	> Storage post

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# **Renovation joinery installations**



### **REMOVING EXISTING FRAMES**

The old joinery is removed with its frame. A new window or door is fitted with a frame to ensure a thermal seal between the joinery and the brickwork.



### **KEEPING EXISTING FRAMES**

This type of installation implies the absolute need to maintain suitable ventilation between the old frame and the exterior trim so as not to jeopardise its durability.

### NEW **TRIM MOULDINGS**

Assembly drawing



# Complete removal solution

### **ADVANTAGES OF COMPLETE REMOVAL**

- Maximum daylight,
- Perfect seal, ٠
- Practically identical appearance to installation in a new • construction.

### **ADVANTAGES OF THE GEPLAST SOLUTION**

- Can be adapted to all types of installation on the market thanks to their different widths
- Clip directly into the groove of the double-groove frame and align perfectly with the face of the frame
- The groove on the underside can accommodate compensating shims.
- Thermal improvement during installation by integrating insulation right up to the joinery,
- Installation complies with DTU 36-5.





view from above



30 mm moulding

### Examples of assemblies with different types of fixings





40









### Profiles for classic renovation On request, a protective film can be applied to skirting boards, angles and flats.



### ALU FLAP - THICKNESS 2.5 MM

 Anthracite
 Jet Black
 DB703
 Basalt Grey
 Land of
 Grey Mattex
 White

 Mattex
 Mattex
 Mattex
 Mattex
 Mattex
 Shadows
 GM\_6066
 Mattex

 AM\_6003
 JB\_6062
 DB\_1014
 BM\_6048
 Mattex
 Mattex
 BM\_6030

 OM\_6065
 S
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 Stadows
 Stadows
 Stadows

CB2302\_AL Flap 100 x 100 x 2-2.5 AR/Serrated Alu

×

Z

LACQUERED COLOR

3 bars of 6 ml / pack 150 bars of 6 ml / container



\*Geplast declines all responsibility for this plaxed PVC skirting board in the event of deformation due

80+ plated film decors available on request



White

PLAXED



80+ plated film decors available on request

### COLORS MASS COLOURED

Mouse grey

Beige

### > PVC FLAP - THICKNESS 2.5 MM

### **CB2501** Flap 100 x 100 x 2.5/45° DR

5 bars of 6 ml / pack 250 bars of 6 ml / container



CB2502CS Flap 100 x 100 x 2.5/45° AR/Serrated breakable

5 bars of 6 ml / pack 250 bars of 6 ml / container



CB2504

AR-2 Walls

Flap 110 x 100 x 2.5

5 bars of 6 ml / pack

170 bars of 6 ml / container

CB2501CS Flap 100 x 100 x 2.5/45° DR/Serrated breakable

10 bars of 6 ml / pack 250 bars of 6 ml / container



**CB2512** Flap 100 x 100 x 2.5/45° AR

5 bars of 6 ml / pack 250 bars of 6 ml / container



-

**CB2511** Flap 100 x 100 x 2.5/45° AR/Serrated

5 bars of 6 ml / pack 250 bars of 6 ml / container



COLORS MASS COLOURED

COLORS MASS COLOURED

White

Beige Mouse grey



Grey Golden anthracite Oak 80+ plated film decors available upon request





200 bars of 6 ml / container



Flap 100 x 100 x 2.7/45° DR/Serrated breakable

5 bars of 6 ml / pack 250 bars of 6 ml / container





**CB3012** Flap 100 x 100 x 3/45° AR/LIS

5 bars of 6 ml / pack 250 bars of 6 ml / container



### **PVC ANGLE SECTIONS - THICKNESS 2,7 MM**



### FLAT PROFILES THICKNESS 2.5 MM TOOTHED

Also available to order by the bar.

PL2535D 🥹 Flat 50X2,5 Toothed

20 bars of 6 ml / pack 800 bars of 6 ml / container



Also available to order by the bar.



80+ plated film decors available on request

This is only a partial list. To find out about all our flashings, corner angles and flat profiles, please contact our customer



**RF020** Galva stiffener for VB008 27,75X7 10 bars of 6 ml / pack





The entire tapped program is certified by CSTB QB59.











ME050JC ME050D JC AC104

17 mm tapped - coextruded seal 10 bars of 6 ml / pack 390 bars of 6 ml / container



37 mm tapped - coextruded seal 5 bars of 6 ml / pack 240 bars of 6 ml / container



57 mm tapped - coextruded seal 5 bars of 6 ml / pack 170 bars of 6 ml / container

> AC108 0



Tapped 77 mm - coex + coextruded seal 3 bars of 6 ml / pack 120 bars of 6 ml / container

AC110









3 bars of 6 ml / pack 100 bars of 6 ml / container





Tapped 107 mm - coex + coextruded seal 3 bars of 6 ml / pack 90 bars of 6 ml / container

### AC113

0 0 0 0



80+ plated film decors available on request



# ME030D JCF ©

Tapped 117 mm -coex + coextruded seal 3 bars of 6 ml / pack 80 bars of 6 ml / container



0	0	0
0	0	0











Tapped 127 mm - coex + coextruded seal 3 bars of 6 ml / pack 80 bars of 6 ml / container

### AC115

0 0 0	
0 0 0	
0 0 0	



## THEY ARE ALWAYS AVAILABLE ON OFFER SEALING PLATES

### AC009

for ME050JC, ME021JC, ME022JC ME023JCF and ME024JCF

Rolls 291 pieces / package - white Rolls 277 pieces / package - black



### AC018

for ME025JCF, ME026JCF, ME027JCF, ME028JCF, ME029JCF, ME030JCF, ME031JCF and ME032JCF

Rolls 291 pieces / package - white Rolls 277 pieces / package - black

0

52







### CONFIGURATIONS

**GLAZING BARS** 

Glazin bars 28X7 +

2 adhesive strips 6 mm

Plaxed : also available by the bar

20 bars of 6 ml / pack

NEW **ME073B** 

Examples of possible edgings of the tapped **ME080.** 



COLORS



COLORS

White

Grey anthracite

PLAXED

MASS COLOURED

Beige

Golder Oak

Mouse grey

+ other colors

+ other colors

on request

on request



Adhesif 6mm





PIM002 Drainage channel end plate for ME060 500 pairs tied or separated / bag





### SCREW FASTENING

The **ME060** drainage channel is fastened using an SFS block screw, reference: SPF/5-84/GS

### **CERTIFICATE (NF)126**

To receive the NF certificate for the ME060 profile, please contact our customer service department : commercial@geplast.fr



ME068

### **JOINT COVER**

### \*Minimum order required 720 ml

### ME066A\*

joint cover 27 mm + adhesive strip 9 mm

30 bars of 6 ml / pack 800 bars of 6 ml / container



COLORS MASS COLOURED



AB001 Window trim

10 bars of 6 ml / pack 10 bars of 6 ml / pack



### AB004A

Glued moulded trim + adhesive strip 6 mm

10 bars of 6 ml / pack 10 bars of 6 ml / pack 400 bars of 6 ml / container





10 bars of 6 ml / pack 10 bars of 6 ml / pack



### AB008

Moulded trim 10 bars of 6 ml / pack

500 bars of 6 ml / pack









### AB021

Trim moulding for 13 mm flange compatible with VEKA

10 bars of 6 ml / pack 500 bars of 6 ml / pack



**ASSEMBLY BRACKET** 

PIM001 Black angle bracket 100 parts / bag





**PIM011** Angle cover for AB021 200 parts / bag



**COMPENSATION BLOCKS** 

\*Recycled or mass-dyed materials

### **ME087B**

### Compensation blocks 27X18 + 2 adhesives strips 12 mm 20 bars of 6 ml / pack 540 bars of 6 ml / container Adhesives strip 12 mm





ME085A

DI016\* 🥝 Support wedge 50 x 17 10 bars of 6 ml / pack 400 bars of 6 ml / container



**ME086A** Compensation blocks 15X8

## COLORS

+ adhesive strips 9 mm 20 bars of 6 ml / pack 700 bars of 6 ml / container

# MASS COLOURED

White Beige PLAXED



Grey Golde anthracite Oak

on request



DI019/A 🥝

DI035B\* DI035\* Support wedge 36x17 Support wedge 36x17 + 2 adhesive bars of 6 ml / pack 10 bars of 6 ml / pack 400 bars of 6 ml / container COLORS MASS COLOURED White **ME088A** Compensation blocks 18X10 + adhesive strips 12 mm 700 bars of 6 ml / pack Mouse COLORS MASS COLOURED + other colors Adhesive strip 12 mm White DI023 🥹 Flat section 23 x 6 + adhesive Flat section 23 x 8 strip 9 mm (option) 15 bars of 6 ml / pack 20 bars of 6 ml / pack





White





20 bars of 6 ml / pack 900 bars of 6 ml / container



### **TRANSPORT BLOCKS**

DI010 🙆 Transport block 37X49-PL 250 mm clip-on

100 units / pallet



DI031 🥝 15 mm groove clip-on Available lengths: 200 - 250 mm

2 500 units / pallet



DI001/A 🥝 Transport block 30,5X22 Available lengths : 120 mm - 200 mm - 250 mm + adhesive strip 6 mm (option)

20 bars of 6 ml / pack according to length



DI027A 🥹 Transport block 54X26 Available lengths : 200 mm - 250 mm + adhesive strip 6 mm

20 bars of 6 ml / pack according to length



DI004 🧿 Transport block 21x11 Available lengths: 125 mm - 250 mm 335 mm - 500 mm

20 bars of 6 ml / pack according to length



DI028A 🥝

Transport block 32X26

+ 2 adhesives strip 6 mm

20 bars of 6 ml / pack

according to length

125 mm - 200 mm - 250 mm - 300 mm

Available lengths:



32 mm groove clip-on

Available lengths :

2 500 units / pallet

200 - 250 mm

DI032 🧿

DI013A 🧿 Protective block 40X22 Available lengths : 200 mm - 250 mm + adhesive strip 6 mm

20 bars of 6 ml / pack according to length



**STORAGE POSTS** 





CL095 POST DE 90X40 MM 🥹 5 bars of 6 ml / pack 84 bars of 6 ml / container



CL096 POST DE 90X90 MM 🥝 2 bars of 6 ml / pack 42 bars of 6 ml / container

CL097 POST DE 120X120 MM 🥯



2 bars of 6 ml / pack 20 bars of 6 ml / container



1 bars of 6 ml / pack 12 bars of 6 ml / container

### CL057 POST DE 200X200 MM 🥝

1 bars of 6 ml / pack 6 bars of 6 ml / container 30 bars of 6 ml / pallet pallet (for orders over 180 bars)

Ideal for the storage of small profiles in your workshops, their multiple dimensions make them a particularly suitable tool for daily use, especially during inventories.

- Responsible purchasing
- From recycling
- Space optimization



### "FLOREAL" COLORS

The "Floreal" comes from the recycling of unused resources *in production, the storage posts* can take different shades.



### **GENERAL TERMS & CONDITIONS OF SALE**

These General Terms & Conditions of Sale can also be viewed on the Internet site www.geplast.fr

### I - SCOPE OF APPLICATION

Sales by the company GEPLAST (hereinafter 'our Company' or 'us') are subject to these general terms & conditions, which the customer undertakes to fulfil unreservedly and which take precedence over any purchasing condition and any VI – GUARANTEE – LIABILITY contrary clause stated in the customer's documents, unless formally and expressly waived by us.

No delay or omission by us at any given time in exercising any of these conditions may be interpreted as a waiver to us imposing the aforesaid condition. If one of the conditions specified herein were to be cancelled or rendered upenforceable upon the customer, in whole or in part, the customer would remain bound by all the other conditions

### II - FORMATION OF THE CONTRACT

our company, must be the subject of an order confirmation from us, materialized by the dispatch to the customer of an acknowledgement of receipt of order (or "ARC"). If no reservation is received from the customer within 48 working hours of the for the costs of labor, dismantling, refitting, immobilization or transport, etc. dispatch of this order confirmation (ARC), the order is deemed to have been The guarantee does not apply when the conditions of storage or installation do not accepted, firm and definitive. The order is then irrevocable, and production begins.

authoritative in the event of any subsequent dispute. Only the order confirmation products. (ARC) accepted by both parties may deviate from these general terms and conditions. In the event of contradiction with the order confirmation (ARC), only the latter shall prevail.

Our plans, drawings, studies, photos, brochures, catalogs, etc., remain our entire property.

### III - DELIVERY - LEAD TIMES

Unless otherwise stated in our order confirmation, delivery lead times are for guidance only and are not guaranteed. Neither compensation nor contract cancellation shall be granted in the event of delay.

However, in the event of a delay exceeding 8 weeks beyond the guide delivery date, not attributable to a *force majeure* event, the customer may ask to cancel the sale, without penalty to either party, after serving notice without effect. Deposits paid shall be returned to the customer within eight days.

The customer accepts that the products ordered should be delivered in full. or only partially subject to having been duly notified in advance.

In any event, the order can only be fulfilled if the customer is up-to-date with its obligations towards our Company.

### IV - DELIVERY - TRANSFER OF RISKS - RETURNS

The delivery of our goods and their packaging materials is considered to take place in our warehouses. Risks are transferred to the customer once the goods are collected.

The customer has a time limit of 10 days after the goods are made available to be taken into the customer's possession. Beyond this deadline, the risks will be transferred to the customer, who will be liable to pay penalty storage fees equivalent to 1% of the price of the goods, per day of delay, without prejudice to other justified damages and interest.

Upon receipt, the customer or its representative is required to check the goods delivered against the order and to verify their condition

Our Company waives all liability for errors in quantity, visible damage or defects observed after the delivery note and/or consignment note has been signed.

Defects in part of the delivery are not grounds to reject it in full.

Other than for errors compared to the order or acknowledged defects, the products may not be taken back. No product may be sent back without our prior written consent and our return shipping instructions.

For profiles delivered in metal containers, it should be noted that the containers remain the non-transferable property of our Company and must be returned to us. If not returned, the customer will be invoiced for the cost of the containers (€350 ex VAT each).

### V – TRANSPORT

Unless otherwise agreed, the customer is responsible for transport of the goods.

If we provide the transport or assign it to a third-party carrier, it is expressly agreed that this is at the customer's request and risk, including when the price is specified as 'free delivery'. It is therefore the customer's responsibility to take any necessary measures in the event of damaged or missing items, in accordance with the

provisions of articles L. 133-3 et sequor of the French Commercial Code.

Unless formally and expressly waived by us, no clause may be considered as waiving the aforementioned rules.

In accordance with articles 1641 et sequor of the French Civil Code, our products carry the legal guarantee for hidden defects, as well as for visible defects as soon as. in the latter case, these visible defects have been reported by the customer or its representative upon receipt

For third-party products incorporated into our own products, our Company can agree no greater guarantee than that due from and granted by the suppliers and manufacturers of the aforesaid third-party products.

In all cases, if the non-compliance or defect is acknowledged, our Company's liability Any order received from the customer, whether a proposal or a quotation issued by shall be limited, at our discretion, either to exchanging or repairing the noncompliant or faulty product or component, or to refunding the order, to the exclusion of any compensation or damages, for any reason whatsoever, particularly

follow best practice, or are inappropriate or contrary to our guidelines, in the event This order confirmation (ARC) is binding for both us and the customer, and is of negligence, incorrect cleaning and inappropriate or non-compliant use of our

### VII – PRICE – PAYMENT TERMS

Our prices are listed excluding VAT and excluding packaging, and our goods are always invoiced at the price in force on the day of the order confirmation (ARC); VAT is added at the rate in force on the invoice date. Payment costs such as transfer fees, conversion fees, customs fees, etc. are to be paid by the customer

Invoices are payable to our head office 30 days net of shipping, unless otherwise expressly agreed by us. If an order is fulfilled in several deliveries, the invoices relating to each delivery are payable as they are issued without waiting for the entire order to be fulfilled.

In addition, in accordance with the provisions of article L. 441-10 of the French Commercial Code, any delay in payment or any extension of the deadline entails ipso jure the application of late-payment interest calculated prorata, equal to the interest rate applied by the European Central Bank to its most recent refinancing operation increased by 10 percentage points.

Furthermore, any delay in payment not authorized by our Company results in liability, under a penalty clause for late payment, for fixed compensation set at 10% of the price, as well as payment of the fixed debt recovery allowance of €40 specified in article L. 441-10 of the French Commercial Code, which may be increased by the actually recovery expenses incurred (if greater than the fixed fee).

### VIII - OUTSTANDING PAYMENTS - DEFEASANCE CLAUSE

In the event of failure to pay, forty-eight hours after serving notice without effect, the sale will be cancelled ipso jure if we so wish and our Company may seek to have the products returned, without prejudice to any other damages. Cancellation will affect not only the order in question but also all prior unpaid orders, whether they have been or are being delivered and whether or not payment is outstanding.

For payment by bill of exchange, failure to return the bill will be considered as a dishonored bill, comparable to a default of payment. Similarly, when payment is staggered, failure to pay a single instalment will result in immediate liability for the whole debt without notice being served.

In all the above cases, the sums that would be due for other deliveries or for any other reason will immediately become due if our Company does not opt to cancel the corresponding orders. Our Company may also, if it wishes, suspend fulfilment of any current order

### IX - DETERIORATION IN THE CUSTOMER'S SOLVENCY OR FINANCIAL POSITION

If the customer's solvency or financial position deteriorates, we may, at our discretion, either cancel the order or demand payment or demand additional guarantees. In the event that joint proceedings are taken against the purchaser, we will be able to cancel the order insofar as this is permitted by local law applicable to these proceedings.

### X – FORCE MAJEURE – UNFORESEEN EVENTS

Any force majeure event will result ipso jure in suspension of deadlines for fulfilling our commitments and will give us the option, as applicable, to cancel them

Under no circumstances may we be held liable if a force majeure event makes it impossible for us to deliver or fulfil the order.

Force majeure, in particular as understood in relation to these terms & conditions,

# GEPLAST

### **GENERAL TERMS & CONDITIONS OF SALE**

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e future takes shane tonethe include but are not limited to: pandemic, war, mobilization, general or partial strike, lock- out, delay by our suppliers, machine failure, procurement problems for

materials, components, equipment or power, fire or any other event over which we have no control, such as to prevent or reduce manufacturing or deliveries.

In the context of contractual relations with the customer, our Company employs In the event of a significant modification to the economic conditions in force when computerized systems making it easier to manage the customer's order, to meet we accepted an order, such as to make fulfilment excessively costly for us legal or regulatory obligations and to send sales documents to the customer. Some (particularly the price of the raw material), we reserve the right to negotiate the of the data collected in this way, required to agree or fulfil the contract(s), may terms of this order and to cancel it if it is impossible to reach agreement. relate to one or more identified or identifiable natural persons acting in their XI - COMPLIANCE WITH OUR RECOMMENDATIONS professional capacity. In this case they meet the gualification for personal data in the meaning of current national and European regulations. Our Company is then Correct use of the products sold by our Company requires our recommendations to considered as the Data Controller.

be strictly followed, in particular for selection, storage, installation, use and cleaning as specified in our manuals, guides, specifications, catalogues, maintenance sheets and other technical documents

These documents can be freely viewed on our internet site www.geplast.fr

These documents can also be handed to the customer on request.

The customer undertakes to bring them to the attention of intermediate and end users

In any event, the customer undertakes not to make any use or take any action with the products sold without first inquiring about any recommendations regarding the aforesaid products. Failure to follow these recommendations rules out any replacement, repair, refund or compensation of any kind.

In particular, these recommendations include, but are not limited to, the following and are no substitute for carefully reading and closely following the technical documents relating to each product and, if in doubt, first referring back to our Company

Confirm the compatibility and suitability of the products for the customer's needs

The customer has a duty to confirm the suitability of our products and their technical features for their needs, expectations and uses they plan to make of them.

In the event it is planned to use our products in combination or incorporated with PRODUCTS SOLD REMAIN OUR PROPERTY UNTIL EFFECTIVE PAYMENT OF THE ENTIRE PRINCIPAL other products for which we have not previously guaranteed compatibility, whether AND INCIDENTAL PRICE. IN THIS RESPECT. PROVIDING A BILL OF EXCHANGE OR ANY OTHER SECURITY these products come from our Company or third-parties, it is the customer's CREATING AN OBLIGATION TO PAY DOES NOT CONSTITUTE PAYMENT IN THE MEANING OF THIS responsibility first to ensure the suitability and compatibility of the products with CLAUSE. each other and more generally the technical feasibility of operation under reasonable conditions. FAILURE TO PAY ANY OF THE INSTALMENTS MAY RESULT IN DEMANDS TO RETURN THE PRODUCTS.

### Confirm the condition of the products before use and commissioning test

The products sold by our Company, whether made from synthetic material (e.g. PVC THE AFORESAID PRODUCTS, NOR TO RESELL THEM OR PAWN THEM. or ABS) or plant-based/hybrid material (e.g. the Loryza range), may have small manufacturing differences, particularly in their appearance (colour differences, IN ANY EVENT. THE PRODUCTS STILL IN THE CUSTOMER'S POSSESSION ARE CONSIDERED TO BE material imperfections, etc.) and small differences in length. THOSE FOR WHICH PAYMENT IS OUTSTANDING

If the products are intended for a specific use, the customer should first perform tests.

### Storage and cleaning conditions for the products

Products must be stored and cleaned under normal and usual conditions ensuring OF GOODS FROM SUBSEQUENT PURCHASERS. they retain their structure, properties and appearance, in particular with regard to THESE MEASURES ARE NO OBSTACLE TO TRANSFER TO THE CUSTOMER, AT DELIVERY, THE RISKS OF unforeseen climatic, atmospheric, temperature, light or other conditions, LOSS OR DAMAGE OF THE PRODUCTS SOLD. AS WELL AS DAMAGE THAT THEY COULD CAUSE. irrespective of their source, and in all cases complying with our specific recommendations, where they exist. In general, the products must be stored out of XV - APPLICABLE LAW - SETTLEMENT OF DISPUTES sunlight, bad weather and moisture.

ALL DISPUTES RELATING TO OUR SALES AND TO FULFILMENT OR INTERPRETATION OF OUR GENERAL In particular, for storage, the products should be stacked on a dry flat surface, in a TERMS & CONDITIONS OF SALE ARE SUBJECT TO FRENCH LAW AND WILL BE SOLE JURISDICTION OF cool and well-ventilated place, out of the light, so as not to be distorted or THE NANTES (FRANCE) COMMERCIAL COURT, EVEN FOR A GUARANTEE CLAIM OR WHERE THERE ARE discolored MULTIPLE DEFENDANTS.

Profiles made of 100% PVC should be cleaned using warm soapy water with a soft non-abrasive sponge and rinsed with clean water. No solvent, acid, acetone-based or chlorinated product should be used. For storage, cardboard kits such as packs should be laid on a dry flat surface, in a well-ventilated place, to avoid distortion.

### XII - ADVERTISING RIGHT

Any use by the customer of one of our trademarks or company name will be subject to our prior written agreement.

### XIII – PERSONAL DATA

In doing so, our Company undertakes under all circumstances to comply with the regulations applicable to processing personal data, and particularly Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 applicable with effect from 25 May 2018 (hereinafter 'GDPR') and French law°78- 17 of 6 January 1978 on data processing, files and freedoms

Our Company also undertakes only to involve or work with contractors or partners that also comply with them

In compliance with the regulations, these data are stored for the duration of the commercial relationship between our Company and the customer, then for a period of 3 years following its end, for statistical purposes, without prejudice to any legal or regulatory obligations for data archiving when they exist and storage made necessary to establish proof of a right or a contract that can be archived in accordance with the provisions of the French Commercial Code.

In any event, natural persons affected by processing of data about them have a right of access, rectification, erasure, restriction of processing, opposition or data portability, the right not to be affected by automated decision-making (including profiling) and a right of appeal to the CNIL (French data protection commission).

### XIV - RETENTION OF OWNERSHIP

CUSTOMER UNDERTAKES UNTIL PAYMENT OF THE FULL PRICE AND SUBJECT TO AN IMMEDIATE DEMAND BY OUR COMPANY TO RETURN THE PRODUCTS, NOT TO TRANSFORM NOR INCORPORATE

THE CUSTOMER ALSO LINDERTAKES TO NOTIFY US IMMEDIATELY OF ITS SUSPENSION OF PAYMENTS. OR TO SUBMIT ITSELF OR BE SUBJECT TO JOINT PROCEEDINGS FOR RECEIVERSHIP OR COURT-SUPERVISED WINDING UP ON REPORT OF EXISTENCE IN ITS STOCK OF UNPAID GOODS

BELONGING TO US AND TO SUPPLY US ANY INFORMATION ENABLING US TO DEMAND THE RETURN

Date :

Last name. First name:

Signature preceded by the mention "Read and approved"

# Note-taking

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# Note-taking




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Non-contractual document. We reserve the right, at any time and in order to improve our profiles, to make any modifications we consider necessary.