



## Façade System **VARIOPLANplus**

**BUTZBACH**  
MADE IN GERMANY



# Made in Germany

Unique Technology

High light translucence without glare

Large spans

Infill dimensions up to 15 meters

Low dead weight

Optimized insulation values

Customer-specific solutions

Quality certified by German Technical Approval

# Extraordinary Material



The basis of VARIOPLANplus is fibreglass: a composite material, highly valued for challenging applications in the aviation and aerospace industry.

The high level of translucence of the fibreglass twin-walled panels allows light far into the interior of the room, without glare or cast shadow and whilst completely absorbing harmful UV-radiation.



The three different fibreglass colours: "Brilliant", "Emerald-green" and "Sapphire-blue" offer extensive variations in the colour design.



Pleasant working environments are created and lighting expenses can be considerably reduced.

At night, fibreglass elements can be illuminated from the inside, giving the business a visible presence.



# Optimum Insulation Values **Insulation**



The refurbishment of existing buildings bears an enormous potential to reduce energy cost. VARIOPLANplus offers made-to-measure solutions to bring new splendour to old buildings, combined with optimized energy efficiency.

With its aluminium profiles with integrated thermal break and its optimised twin walled fibre glass panels with an insulation value  $U_p$  of up to  $1.1 \text{ W/m}^2\text{K}$ , VARIOPLANplus provides solutions for a cost effective and sustainable building design.

At the same time the energy-absorbing characteristics come close to solar glass. While large window fronts heat inside areas quickly, VARIOPLANplus provides a pleasant and well-balanced working temperature.



# Constructive Freedom



Aluminium and fibreglass, utilised in VARIOPLANplus, are rigid, lightweight materials which make it possible to achieve self-supporting elements without disturbing supporting constructions.

VARIOPLANplus, weighing only about one third of normal window panes, is particularly suitable for renovation tasks, where the supporting structure of the building does not allow too much vertical load effect.

# Attractive Versatility



Further design possibilities are given by integration of images in the fibre glass.

The three different fibreglass colours: "Brilliant", "Sapphire-blue" and "Emerald-green" in combination with diverse profile colours, enable almost unlimited design variations.

By combining VARIOPLANplus with pass doors and doors of the same material, homogeneous, monolithic façades can be created.



VARIOPLANplus has been approved according to the regulations of the product standard for curtain walling EN 13830. The high classifications in water tightness, resistance against wind load, air permeability and impact resistance make proof of the outstanding product quality.



Fibreglass is versatile for example, counters and other structures can be clad with it.



VARIOPLANplus is suitable for ball sports according to German standard DIN 18032-3:1997-04

The twin-walled fibreglass panels are closed on all sides and as such, vertical as well as horizontal façade variants can be accommodated without any difficulty. Even angular or round façade elements can be achieved.

Mobile elements as well as unusual constructive angles or even ceilings are easily achievable, the architectural options are unlimited.



Stacking doors



Sectional doors



XXL doors



High-speed doors



Mobile partition walls



Sliding doors



Façade systems



Service

## Quality and All Encompassing Service

We guarantee distinct quality and longevity in our customised solutions, having had over 30 years of experience in development, designing, manufacturing, assembling and after sales service.

Butzbach employees operate according to the motto: "Everything from a single source".

In providing all the service and support you will need, we can ensure that you will be completely satisfied.

At Butzbach, service starts with consultation. Our focus is on in-depth and constructive dialogue with our customers. Our team of consultants create individual solutions efficiently, competently and according to your specification and needs. You will be assigned a personal contact who will work with you for the entirety of the project. Your contact knows your individual specifications and can thus, react to changing requirements.

Our installation and service partners in more than 40 countries guarantee quick and costefficient service. Please contact us to find out about special service and maintenance offers available now.

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