

# batimet

Wood-Aluminium · Systems · Windows · Façades

## Building Envelopes with System: Energy-efficient, Economical, Varied



## Perfectionists



The window system batimet TA35 and the transom-mullion façade system batimet TM50 are wood-aluminium series from the batimet company. The systems unite all the advantages of classical wooden windows with those of modern aluminium façades.

## Climate Protectors



Inside, wood as a natural material contributes to an atmosphere of warmth and comfort and also has a regulatory effect on the room climate. On the outside the high-tech material aluminium provides long term protection from weather damage.

## Individualists



There are almost endless variations in design and colour available for the aluminium profiles and the wood which enable the creation of a completely individual building. Moreover, the well-conceived system design allows even the most filigree architectural structures to be accomplished.



## Overview of Advantages



**energy  
efficient**

For new energy-efficient building and energy-saving renovation  
Optimum heat insulation due to exceptionally low U values  
Wood as sustainable building material  
Aluminium as recyclable material



**economical**

Comparatively low costs of acquisition  
Time and cost savings for installation  
Almost completely free of maintenance costs  
Long life cycle through weather-resistant aluminium



**variety**

Huge variety of models  
Large selection of frame designs  
Almost unlimited choice of colour finishes  
Enormous variety of wood types available



**top quality**

Designed for sophisticated architectural styles.  
Weather-resistant aluminium  
Wood for healthy indoor climate  
Approved and certified quality "made in Germany"



**fabricator  
friendly**

Easy to install systems  
Work carried out by hand-picked batimet partners  
Trained installation teams



**Passive-house  
certified**

Passive-house certification  
for window system batimet TA35 SE  
for transom-mullion facade system batimet TM50 SE  
Unit of heat transfer values of  $U_v \leq 0.8 \text{ W}/(\text{m}^2\text{K})$



batimet TA35 FV  
offset



batimet TA35 FVNG  
offset  
sharp-edged 90°

**variety**



The flexibility and versatility of the system is of crucial importance in the design of building envelopes with windows as the essential feature.

The wood-aluminium window system batimet TA35 is available in a great variety of models.

**flexibility**



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batimet TA35 IN  
integral system  
concealed sash





batimet TA35 FB5  
flush, sash insertion  
groove 5 mm



batimet TA35 FB12  
flush, sash insertion  
groove 12 mm



batimet TA35 FB12NG  
flush, sash insertion  
groove 12 mm, 90°

## variety



For the aluminium profiles in the batimet TA35 system there is an almost unlimited choice of finishes. The range includes RAL, NCS, DB or eloxal.

The variety of available wood types - all exclusively domestic woods - allows enormous freedom in the design of interiors. The choice of colour of the wood finish is almost unlimited.



batimet TA35 VB  
composite system

## efficiency



The window system batimet TA35 is designed to be extremely fabricator-friendly. It enables expert production and assembly in the shortest time. This efficiency of execution is a major contributing factor to the economic viability of the system.

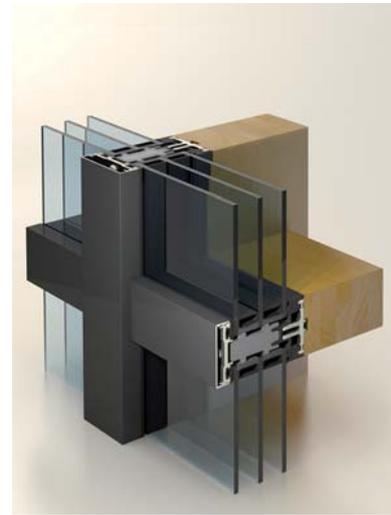


**fine  
features**



The transom-mullion façade system batimet TM50 benefits not only from the convincing advantages of the material combination of wood and aluminium in general but also in the main from its well-conceived design.

The structural-physical values of batimet TM50 are such that even filigree architectural concepts such as those which envisage large areas of glass can be implemented without difficulty.



batimet TM50  
transom-mullion  
façade system



## energy efficient

In terms of energy efficiency, systems in wood and aluminium are positively unbeatable. With their intelligent design structures, the window systems of the series batimet TA35 and also the transom-mullion façade system batimet TM50 both achieve outstanding heat insulation values of  $U_v \leq 0,80 \text{ W}/(\text{m}^2\text{K})$ .

## passive-house certified

The German Passivhaus Institut Dr. Feist certifies the unrestricted suitability of the wood-aluminium systems batimet TA35 SE and batimet TM50 SE as passive-house components.

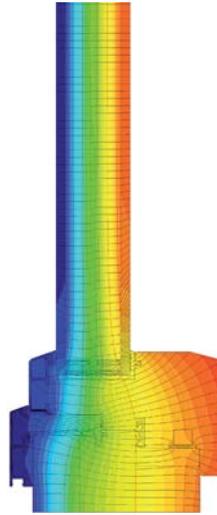


Illustration isotherm  
batimet TA35 SE

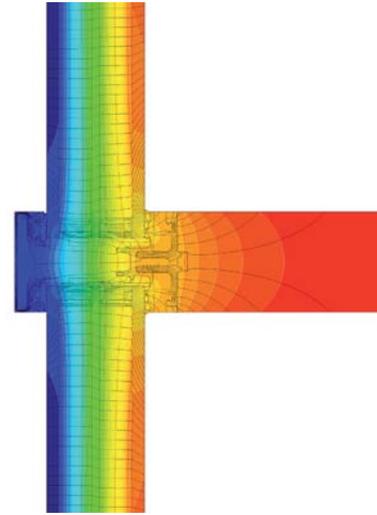


Illustration isotherm  
batimet TM50 SE



## top quality

batimet is one of Germany's leading system providers for transom-mullion façade systems and windows in wood-aluminium. With its excellent design, top quality products and economic system viability, batimet sets the standards for the creation of building envelopes.

Our system concept places great value on competent consultancy right from the beginning at the planning stages together with reliable execution by qualified regional partners. Reference projects throughout the Federal Republic of Germany bear witness to the high quality of all batimet services.



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