THE WARMEST SOLUTION

Series
DA-90 Thermo

The best option for thermal and acoustic insulation.

+ EXCELLENT thermal and acoustic insulation, ideal for passive houses

+ ELEGANT APPEARANCE due to concealed hinges in standard

+ additional **PROTECTION AGAINST BURGLARY** due to the use of 4 anti-burglary locks

+ GUARANTEE OF PEACE resulting from reliable acoustic insulation

DAKO

DA-90THERMO SERIES

U Factor =0,14* Btu/h·ft²·F

U_{w*}= 0,8 W/m²K

- Glazing range: 15/16 in to 3 4/16 in (from 23 to 82 mm)
- Dimensions for Tilt-and-turn window: min.: 20 8/16in x 16 9/16in (520 mm x 420 mm), Max.: 66 14/16in x 110 3/16in (1700 mm x 2800 mm)
- Maximum sash area: 32 4/16ft² (3m²)
- Max. sash weight: 330,7 lb (150kg)

- 3-chamber profile - Frame: 3 9/16in (90 mm) • Thermal breaks 1 8/16in (45 mm) • Insulation insert in the middle chamber • Three EPDM seals in the opening windows

U_w of the reference window with a dimension of 1230 mm x 1480 mm with standard glass 4x18x4x18x4 Ug=0,5 W/m²K

DA-90THERMO 90° SERIES

U Factor =0,14* Btu/h·ft²·F

U_{w*}= 0,8 W/m²K

- Glazing range: 1 4/16 in to 2 13/16 in (from 32 to 72 mm)
- Dimensions: min.: 22 1/16in x 22 1/16in x 22 1/16in (560 mm x 560 mm x 560 mm),
- Max.: 94 7/16in x 118 1/16in x 118 1/16in (2400 mm x 3000 mm x 3000 mm)

U_w of reference window with dimensions: 2 x 48 7/16in x 58 4/16in (2x 1230 mm x 1480 mm) with standard glass 4X18x4x18x4

Are you looking for an internal system or an unusual option with an concealed sash?
Check out other solutions for aluminum windows on **www.dakowindows.com**

DAKO

SELECTED HANDLE MODELS

1006

1007

1009

1033

Hoppe SecurForte
Hamburg

Hoppe Secustik
New York

Hoppe Secustik
Luksemburg

1006D
with a button

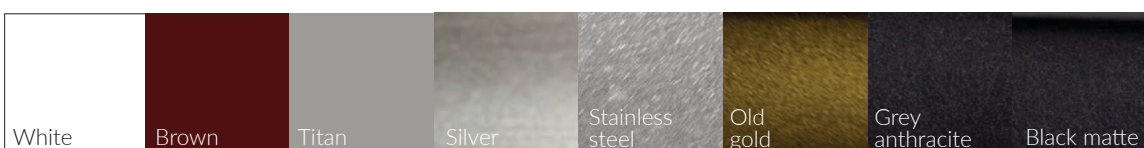1006A
with a key

Hoppe Secustik
Luksemburg with a key

HANDLE COLORS

| White | Brown | Titan | Silver | Stainless steel | Old gold | Grey anthracite | Black matte |

DAKO®

FUNCTIONALITY AND SECURITY IN A PACKAGE

SAMPLE SELECTION

DECORATIVE GLASS

DOUBLE-GLAZING PACKAGE

GLAZING PACKAGE SINGLE-CHAMBER:

2 glass panes, a spacer and a argon pressed between the panes

TRIPLE GLAZING PACKAGE

GLAZING PACKAGE TWO-CHAMBER:

3 glass panes, spacer frames and filling the space between the glass with argon

Kura transparent	Kura brown	Chinchilla transparent
Niagara mat	Niagara transparent	Silvit brown
Crepi	Satinato matte	Abstracto transparent
Waterdrop	Master-carre transparent	Master-point
Master linge	Silvit transparent	Altdeutsch transparent
Monumental / Atlantic	Cathedrale transparent	Flutes transparent
Flutes matte	Delta transparent	Delta matte

? Glazing is a very important element of windows which affects, among other things, their thermal efficiency and the amount of solar energy entering the interior. A larger number of chambers in the glazing package, a lower coefficient in the glass and argon in the inter-pane space improve the thermal insulation.

DIVIDED LITE
stylish window look

Pane bars are a perfect complement to the windows. They can be both a window decoration referring to the stylish architecture and interiors, as well as the crowning of a modern window construction. They give interiors a special atmosphere and give the buildings facade a unique character.

INTERNAL **PANE BARS**

+ placed in the inter-pane space during the production process of glazing packages (do not make cleaning windows difficult!)
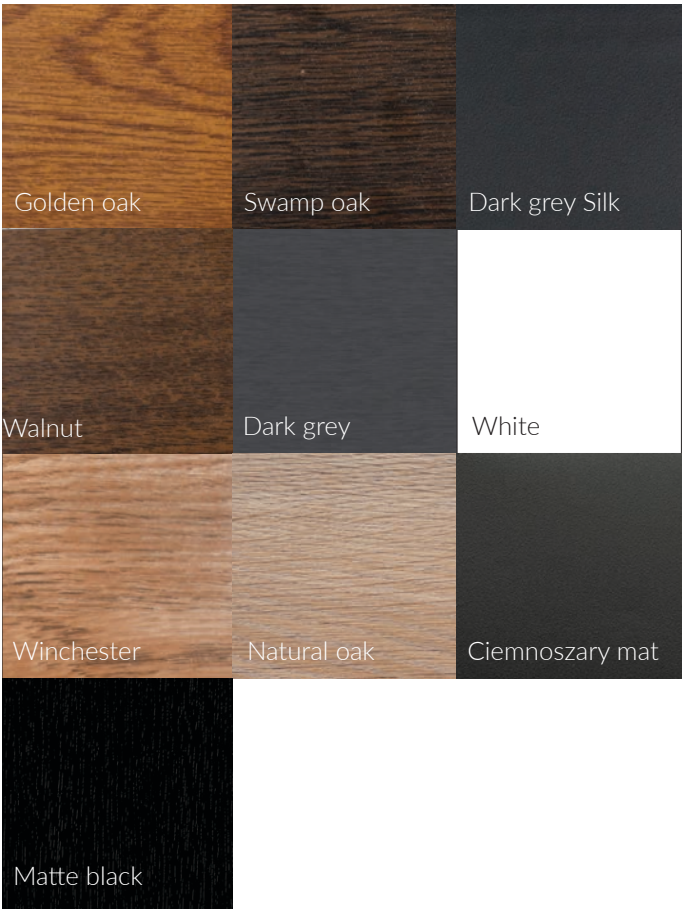
VIENNA **PANE BARS**

+ glued directly to the surface of the glass (they divide the glass into smaller, limited areas, which means that cleaning the windows may take more time)

The colors of your place on Earth
Colors of windows and patio doors

JOINERY
VINYL

BASIC COLORS

Golden oak

Swamp oak

Dark grey Silk

Walnut

Dark grey

White

Winchester

Natural oak

Ciemnoszary mat

Matte black

SPECIAL COLORS
The most popular customer choices

Sheffield oak

Silver grey

Light oak

Dark grey
alux DB703

Desert oak

SPECIALTY COLORS
Other colors

You can check the full range of VINYL colors available on our website
www.dakowindows.com
or in our showrooms

JOINERY
WOODEN

TRANSPARENT COLORS
pine, meranti

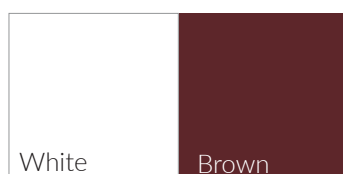|		
Pine	Light oak	Old pine
Chocolate brown	Mahogany	Teak
Walnut	Palisander	Light grey azure
Dark grey azure	White azure*	Clear*

* Available as an interior finishing option

The coloring of varnishes varies depending on the wood on which it was used. The material presents an illustrative coloring of transparent colors on pine, and woodwork (right side) and meranti (left side).
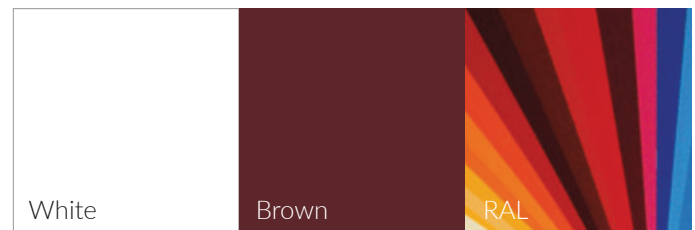
OPTIONAL COLORS
Any color from the RAL palette

OPAQUE COLORS

White	Brown

JOINERY
ALUMINUM

BASIC COLORS

White	Brown	RAL

WOOD-LIKE VARNISHES

Walnut vein	Golden oak	Pine
Walnut	Fir	Mahogany
Beech	Cherry	

SPECIAL COLORS - VENEERS
Colors not available for patio doors

DAKO®