

OPTIMAL CHOICE

Series DA-77

Large possibilities in three
system variants:
standard, with concealed sash
and fire protection

- + **VERY GOOD LEVEL** of thermal insulation
- + possibility of constructing **LARGE-SIZE GLAZING** due to profiles with approved statics
- + The system **IS IDEAL FOR MODERN, HIGH-END PROJECTS.**
- + **POSSIBILITY OF USING SPECIAL GLAZING:** energy-saving, anti-burglary and other
- + **MODERN DESIGN** providing an elegant appearance of the facade also from the outside

DA-77 SERIES



OPTION

The series is also available in the corner version DA-77 90°



U Factor = 0,18* Btu/h·ft²·F

$U_w^* = 1,0 \text{ W/m}^2\text{K}$

- 4-chamber profile (Sash: 3 6/16 in (86mm) | Frame: 3 1/16 in (77mm))
- Thermal breaks 1 11/16 in (43mm)
- Two EPDM seals
- Glazing range: 13/16 in to 2 10/16 in (from 21 to 67 mm)
- Dimensions for Tilt-and-turn window: min.: 16 9/16 in x 16 9/16 in (420 mm x 420 mm), Max.: 63 in x 94 8/16 in (1600 mm x 2400 mm)
- Maximum sash area: 32 5/16 ft² (3m²)

*Glass 4/18/4/18/4 window size 48 7/16 in x 58 4/16 in (1230 mm x 1480 mm)

SERIES OVERVIEW - technical information

DA-77 US SERIES



U Factor = 0,14* Btu/h·ft²·F

U_w = 0,8 W/m²K*

- System with concealed wing of exceptional aesthetics
- 4-chamber profile (Sash: 3 3/16 in (80,8mm) | Frame: 3 1/16 in (77mm))
- Glazing range: 10/16 in to 2 6/16 in (from 15 to 60 mm)
- Tilt and turn sash dimensions: min.: 21 11/16 in x 21 11/16 in (550 mm x 550 mm), Max.: 63 in x 98 7/16 in (1600 mm x 2500 mm)
- Maximum: sash area: 32 5/16 ft² (3m²) weight: 286,6 lb (130kg) (330,7 lb (150kg))

*Glass 4/18/4/18/4, window size 48 7/16 in x 58 4/16 in (1230 mm x 1480 mm)

DA-77 C SERIES



U Factor = 0,16* Btu/h·ft²·F

U_w = 0,9 W/m²K*

- The system of windows opened outwards with thermal partition
- 4-chamber profile (Sash: 3 6/16 in (86mm) | Frame: 3 1/16 in (77mm))
- Glazing range: 14/16 in to 2 6/16 in (from 22 to 60 mm)
- Tilt-and-turn sash dimensions: min.: 21 11/16 in x 21 11/16 in (550 mm x 550 mm), Max.: 55 1/8 in x 98 7/16 in (1400 mm x 2500 mm)
- Maximum: sash area: 32 5/16 ft² (3m²) weight: 286,6 lb (130kg) (396 lb (180kg))

U_w of the window size 78 12/16 in x 39 3/8 in (2000 mm x 1100 mm) with 2-chamber glass 4/18/4/18/4, with warm distance frame and fire glass in EI30 class

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



FUNCTIONALITY AND SECURITY IN A PACKAGE

SAMPLE SELECTION

DECORATIVE GLASS



DOUBLE-GLAZING PACKAGE

GLAZING PACKAGE SINGLE-CHAMBER:

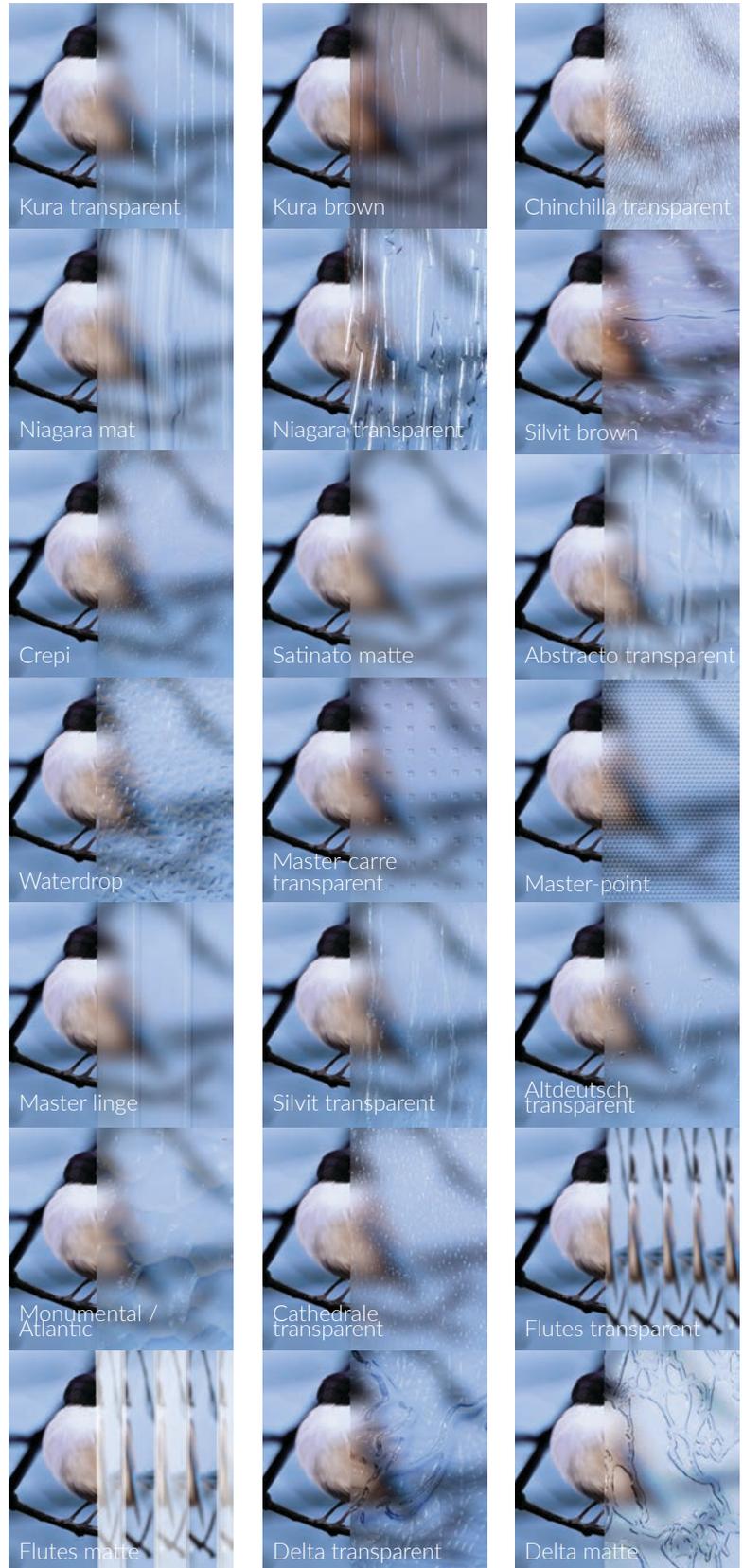
2 glass panes, a spacer and a argon pressed between the panes



TRIPLE GLAZING PACKAGE

GLAZING PACKAGE TWO-CHAMBER:

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





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

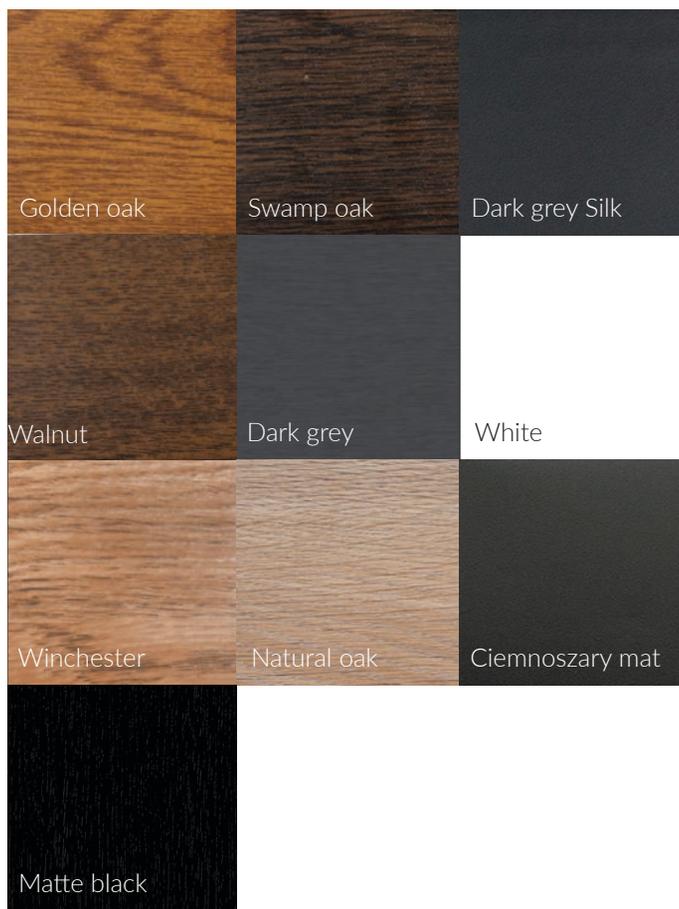
- + glued directly to the surface of the glass (they divide the glass into smaller, limited areas, which means that cleaning the windows may take more time)

The colors of your place on Earth

Colors of windows and patio doors

JOINERY VINYL

BASIC COLORS



SPECIAL COLORS

The most popular customer choices



SPECIALTY COLORS

Other colors

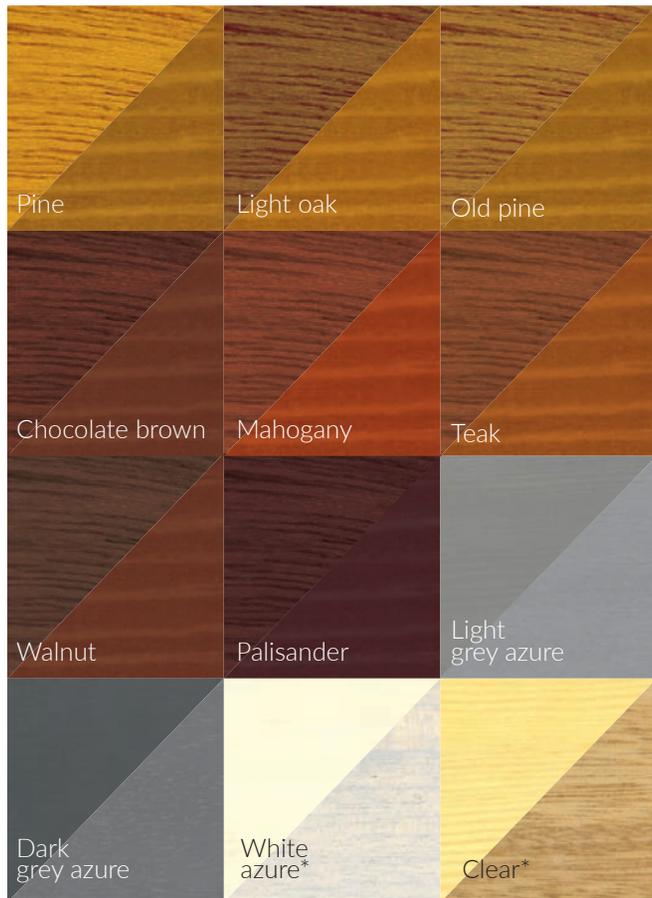


You can check the full range of VINYL colors available on our website
www.dakowindows.com
 or in our showrooms

**JOINERY
WOODEN**

TRANSPARENT COLORS

pine, meranti



* 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 wood-work (right side) and meranti (left side).

OPTIONAL COLORS

Any color from the RAL palette

OPAQUE COLORS



**JOINERY
ALUMINUM**

BASIC COLORS



WOOD-LIKE VARNISHES



SPECIAL COLORS - VENEERS

Colors not available for patio doors

