

# PLEASANT HEAT, LOW HEATING COSTS

Save on energy consumption, not on windows

The new SYNEGO windows are the perfect savings program. Compared with the current window standard, SYNEGO provides up to 50% better heat insulation. Thanks to this, you will significantly reduce your heating bills and permanently increase property value.

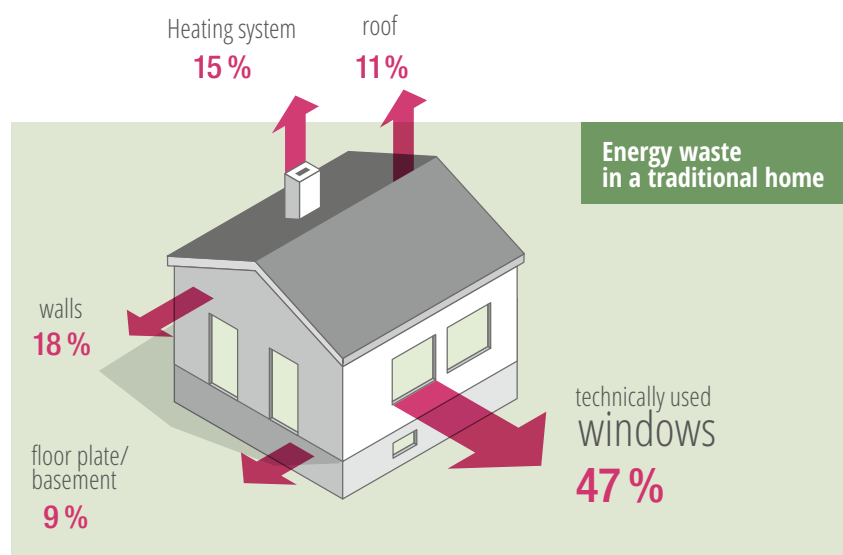
Old windows are the weakest energy link in your home. They are poorly insulated and usually technically outdated. As a result of this expensive thermal energy escapes through the windows.

## SYNEGO windows pay off

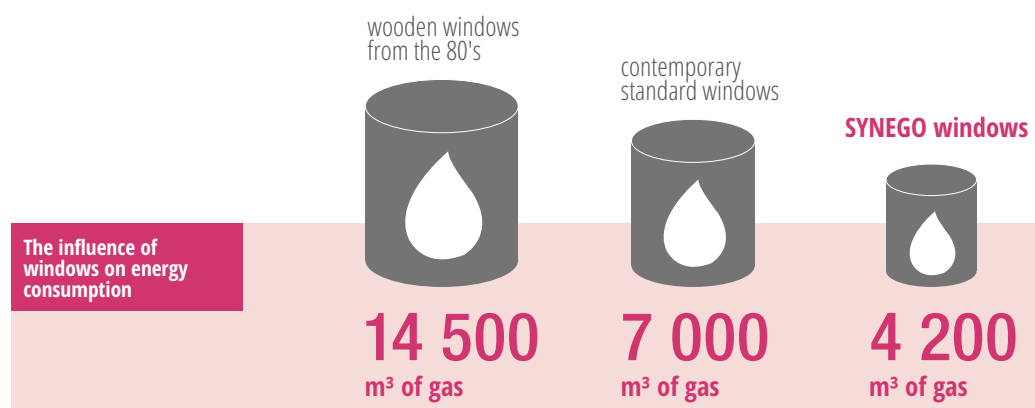
Thanks to the excellent SYNEGO insulation properties energy consumption is reduced from day one. You can wait without stress for next heating bills, and possible energy price increases are no longer scary.

## Better thermal insulation up to 50%

compared to the current standard window\*



Źródło: Warentest Fundation



Calculation: windows 25 m<sup>2</sup> surface, gas consumption in 25 years; wood windows with the UW value = 2.79 W / m<sup>2</sup>K; standard windows with UW = 1.36 W / m<sup>2</sup>K; SYNEGO windows with a UW value = 0.66 W / m<sup>2</sup>K



\* standard windows with the UW value = 1.36 W / m<sup>2</sup>K; SYNEGO windows with a UW value = 0.66 W / m<sup>2</sup>K

# LIVE IN COMFORTABLE SILENCE

Turn off the noise with SYNEGO

Noise from the street, a neighbor's lawn mower, disruptive music - we are there every day surrounded by loud noises. Thanks to SYNEGO you can muffle the noise, and make the home an oasis of peace.

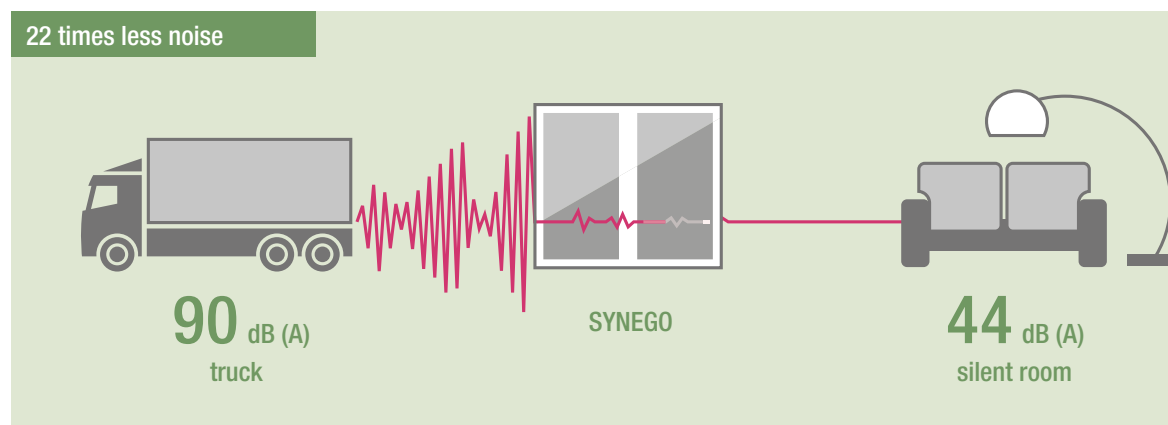
## Up to 22 times less noise

depending on the individually matched window fittings

### SYNEGO windows turn off noise

Feel good - no matter how loud is your environment. Research has shown that regular noise load connected with traffic road, leads to increased risk of

cardiovascular diseases. Stop the noise causing stress outside. SYNEGO will bring back the silence, you need to rest.



Źródło: [www.hug-technik.com/inhalt/ta/schallpegel\\_laermpegel.html](http://www.hug-technik.com/inhalt/ta/schallpegel_laermpegel.html)



# CLEANING IS A CHILD'S PLAY

Resistant to dirt and easy to clean thanks to the revolutionary HDF formula

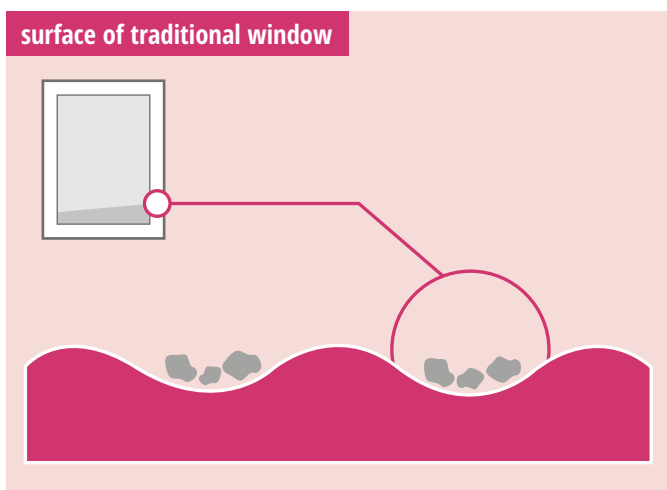


HDF - High Definition Finishing will make your windows shine every day like New. The advanced formula perpetuates the surface and provides an incomparable glow. Not only will your windows stay clean longer, but they will also be much easier to wash.

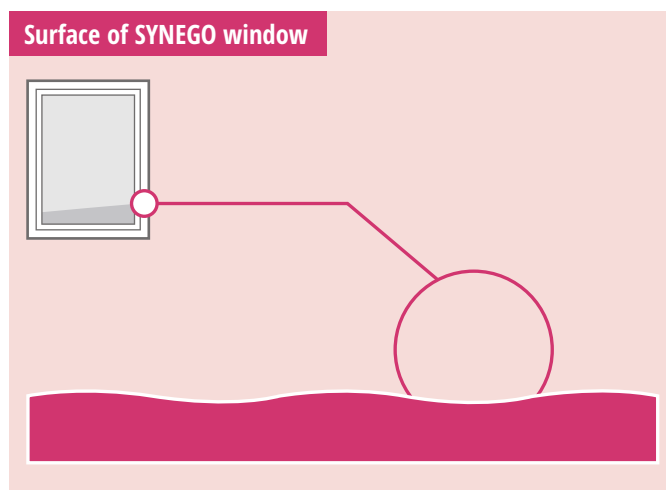
## Your windows in HDF

The secret of the HDF formula lies in the special recipe and improved production method, which was developed during intensive research by our experienced engineers.

The surface is noticeably smoother and impresses with an incomparably higher degree of shine.



Due to the more porous structure, dirt can easily settle in cavities and is difficult to remove.



Thanks to HDF technology smoother surfaces were achieved on which dirt settles with difficulty

## Functional and reliable

SYNEGO not only looks perfect but even after years, it guarantees full functionality. Our special sealing system protects against drafts and moisture, and at the same time provides optimal contact force. Thanks to this it is much easier to open and close windows - without any effort.



# VARIETY THANKS TO KALEIDO COLOR

Make your dreams come true

First impressions count, also when it comes to the window. Thanks to the KALEIDO COLOR color palette you will implement your own countless ideas. Shiny white, warm wood-like patterns with a textured surface or fashionable colors - every wish will be fulfilled. Use your imagination and reach out to your favorite KALEIDO COLOR\* shade.

## Over 220 colors (veneers and varnishes)

- you will find the current color palette at SYNEGO windows points of sale



*\*the world of KALEIDO COLOR colors are KALEIDO FOIL veneers, KALEIDO PAINT varnishes and KALEIDO COVER aluminum covers*

## Examples of colors from the KALEIDO COLOR palette

wood-like					
	sierra	winchester XA	light oak 1	golden beech	
	mahogany	cherry	rustic cherry	macore	
	siena PN	douglas fir	swamp oak 2	Irish oak	
	homogeneous				
		yellow	red	dark red	burgundy
		chocolate brown	green	green moss	dark green
		smooth grey	basalt gray	smooth basalt gray	quartz gray
metallic					
		alux DB 703	alux anthracite	brushed aluminum	crown platin

## The joy of colors

Find your favorite color among over 22 colors. You can choose the pattern separately for the internal and external side- for example anthracite outside, classic white inside.

No matter what your choice will be - your windows even after many years will look like on the first day. Because SYNEGO windows are resistant to weather conditions and color change.



# CLIMATE PROTECTION THANKS TO NEW TECHNOLOGIES

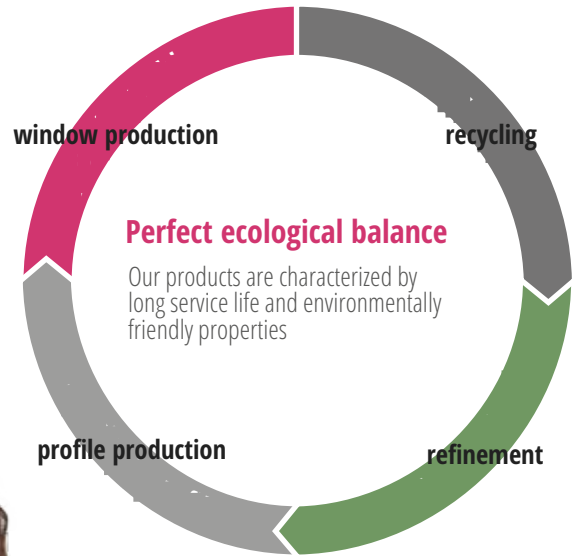
For your home and the environment

SYNEGO are thought out, durable windows which you can rely on and feel good everyday.

### In harmony with sustainable development

We believe that care for the environment and prudent use of raw materials and energy extends beyond the overall product life cycle. According to our recycling concept, we collect production waste and old windows for reuse. Obtained raw materials are fully processed and refined during the production process - without losing quality.

During the production process itself, we reduce energy consumption through many actions because the low resource consumption is the best solution that contributes to the environment protection.



**Annually 1,000,000 kg less CO<sub>2</sub>**

thanks to the use of secondary raw materials.

- space for glazing up to 51 mm - **for triple, complex, warm glazing**
- 7 chambers in the jamb, 6 chambers in the sash - **for high thermal insulation**
- all-round seals - **for reliable protection against drafts and moisture**
- optional third sealing surface (central gasket) - **for even better protection against heat loss**
- low folds (117mm) - **for more light in the room**
- profile depth (80mm) - **for narrow proportions with high thermal protection parameters at the same time**

technical data		double sealed gasket	central gasket
heat transfer coefficient		U <sub>i</sub> do 1,0 W/m <sup>2</sup> K	U <sub>i</sub> do 0,94 W/m <sup>2</sup> K
thermal ins. of windows	pane (wsp. U )	whole window ( U value)*	
	0,8 W/m <sup>2</sup> K	0,94 W/m <sup>2</sup> K	0,92 W/m <sup>2</sup> K
	0,7 W/m <sup>2</sup> K	0,87 W/m <sup>2</sup> K	0,85 W/m <sup>2</sup> K
	0,6 W/m <sup>2</sup> K	0,80 W/m <sup>2</sup> K	0,78 W/m <sup>2</sup> K
	0,5 W/m <sup>2</sup> K	0,73 W/m <sup>2</sup> K	0,71 W/m <sup>2</sup> K
	0,4 W/m <sup>2</sup> K	0,66 W/m <sup>2</sup> K	0,65 W/m <sup>2</sup> K
acoustic insulation	R <sub>w,p</sub> do 47 dB		
burglary resistance	to class RC 3		

*\*calculated with a warm frame (Psi = 0,03 W/mK)*



We contribute a lot to organisations and initiatives with our experience and our know-how. For example, as a member of VinylPlus, we commit ourselves voluntarily to more sustainable production by 2020.