REHAU®
Unlimited Polymer Solutions



SYNEGO WINDOWS

Feel warm to feel good


Up to
50 %
better heat
insulation
...where it's
warm and
cosy

MAXIMUM WARMTH, MINIMUM HEATING COSTS

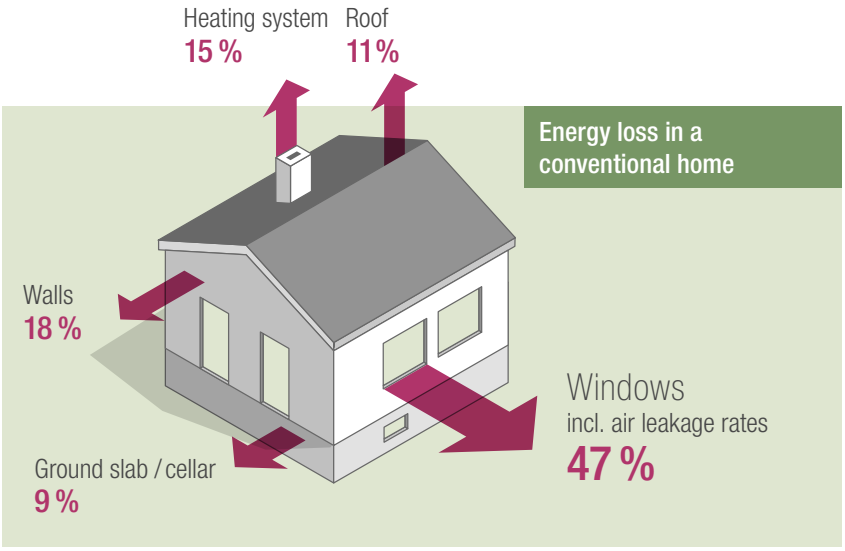
Save on energy, not on your windows

New SYNEGO windows are the ultimate savings plan. Compared to current conventional windows, SYNEGO offers you up to 50% better thermal insulation. You'll see your heating costs go down as the value of your home rises – today, tomorrow and in the future.

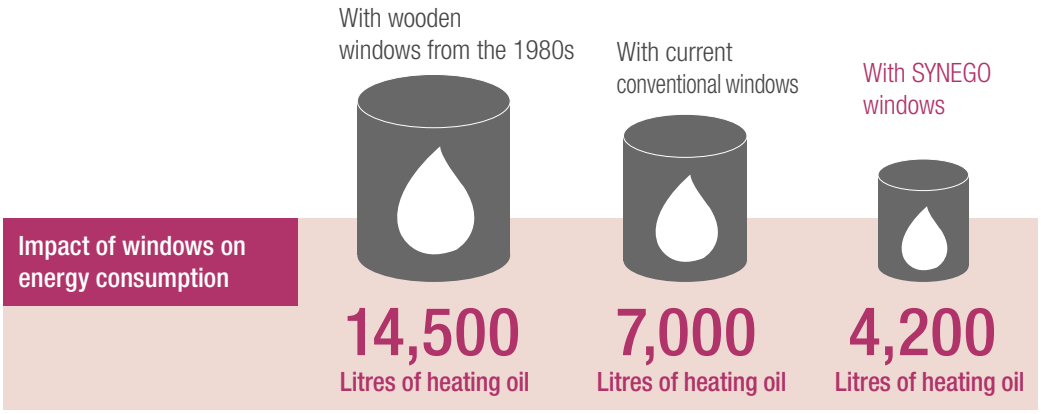
Old windows are the number one cause of energy-inefficiency in homes. They are poorly insulated and usually technologically outdated. The result: Expensive heating energy goes right out the window.

SYNEGO windows pay off.
Thanks to the outstanding thermal insulating properties of SYNEGO, your energy consumption will start to go down from day one. Stress over heating bills and future energy price rises will become a thing of the past.

Up to 50% better thermal insulation
compared to current conventional windows*



Source: Stiftung Warentest



Calculation: Window surface of 25 m², heating oil consumption in 25 years; wooden windows with U value = 2.79 W/m²K, conventional windows with U value = 1.36 W/m²K; SYNEGO with U value = 0.66 W/m²K



** Conventional window with U value = 1.36 W/m²K; SYNEGO with U value = 0.66 W/m²K*


...where only
sweet dreams
can get in

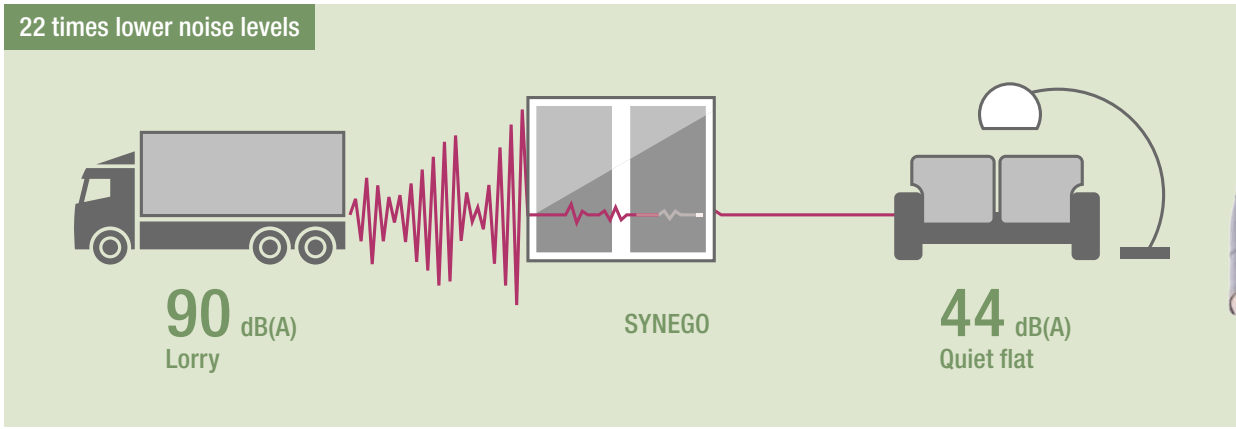
ENJOY THE SILENCE

With SYNEGO, you keep the noise out

Noisy traffic, the neighbour's lawn mower – there are loud noises all around you every day. With SYNEGO, you can shut the noise out and make your home an oasis of peace and quiet.

Up to 22 times less noise
thanks to individual sound protection features

SYNEGO windows key the noise out.
Feel great – no matter how loud the surrounding environment is. Studies have shown that regular exposure to traffic noise results in a significantly higher risk of cardiovascular disease. Shut out the noise and relieve yourself of stress. SYNEGO gives you back the peace and quiet you need to relax.



Source: www.hug-technik.com/inhalt/ta/schallpegel_laermpegel.html





ENJOY PEACE OF MIND

Feel safe and sound with SYNEGO



Home means safety, comfort, tranquillity and familiarity.
With SYNEGO windows, you can feel safe and secure in your home.

Gain valuable minutes with SYNEGO.

80% of all break-ins occur through easily accessible windows and doors. In more than a third of cases, enhanced security technology thwarts the attempt. Protect your home by securing easily accessible windows and doors. Burglars quickly move on to easier targets if a window cannot be pried open within a few seconds.

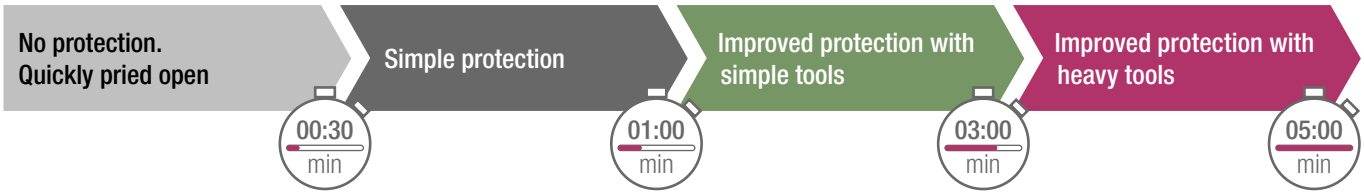


Up to 10 times better burglary protection

compared to windows without break-in protection



Break-in resistance class RC1 | Break-in resistance class RC 2 / RC 2N | Break-in resistance class RC3



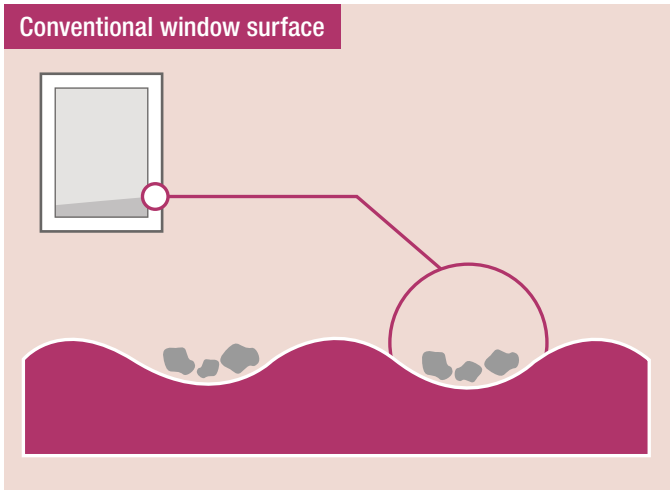
CLEANING IS CHILD'S PLAY

Dirt-resistant and easy to care for thanks to the revolutionary HDF formula

High Definition Finishing (HDF) ensures your windows look like new every day. The highly complex formula seals the surface and creates a brilliant shine. Your windows not only stay cleaner for longer, but are much easier to clean when required.

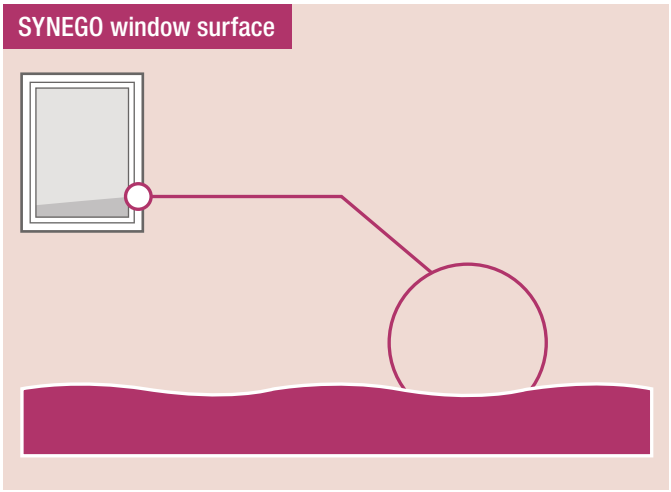
Your windows in HDF.
The secret of the HDF formula lies in its special composition and enhanced production method developed through meticulous research by our experienced engineers. The surface is noticeably smoother and displays an exceptionally high gloss.

Conventional window surface



With rougher structures, it's easier for dirt to become lodged in the depressions and more difficult to remove.

SYNEGO window surface



HDF technology results in significantly smoother surfaces that are more difficult for dirt to stick to.



A shine with a functional purpose.
SYNEGO doesn't just look great – it also functions perfectly year after year. Our special sealing system protects you against draughts and moisture while ensuring optimised closing pressure. It is much easier to open and close your windows, ensuring that no major exertion is required.


...where we
always have the time
to discover something new

VARIETY WITH SYNEGO

Choose your perfect windows

First impressions count – with windows too. With SYNEGO, you can have the exact windows you want: brilliant white, warm wood styles with structured surfaces or trendy solid colours.

More than 220 colours

You'll find the entire range of colours at your local retailer

Colours that stand the test of time.

You're sure to find your favourite colour among our selection of over 220 tones. You can choose different décors for the interior and exterior sides – for example anthracite grey on the outside, classic white on the inside.

Whatever you choose, you can rest assured that your windows will continue to look as good as new – even years down the line. After all, SYNEGO is both colour-fast and weather-resistant.

Colour selection.

Wood

Sierra · *Winchester XA* · *Light Oak 1* · *Golden Beech* · *Oregon* · *Dark Oak 1*

Golden Oak · *Mahogany* · *Cherry Blossom* · *Rustic Cherry* · *Macore* · *Soft Cherry* · *Bog Oak*

Mountain Pine · *Siena PN* · *Douglas Fir* · *Bog Oak 2* · *Irish Oak* · *Siena PR* · *Walnut*

Solid

Traffic Yellow · *Signal Red* · *Oxide Red* · *Brown Red* · *Bordeaux Violet* · *Ultramarine Blue*

Signal Blue · *Turquoise Blue* · *Distant Blue* · *Moss Green* · *Grass Green* · *Opal Green* · *Khaki Grey*

Squirrel Grey · *Moss Grey* · *Graphite Grey* · *Ochre Brown* · *Copper Brown* · *Red Brown* · *Cream White*

Smooth Grey · *Basalt Grey* · *Slate Grey* · *Anthracite Grey* · *Grey* · *Signal Grey* · *Quartz Grey*

Aluminium

Alux DB 703 · *Alux Anthracite* · *Brushed Aluminium*



...where we always find new inspiration

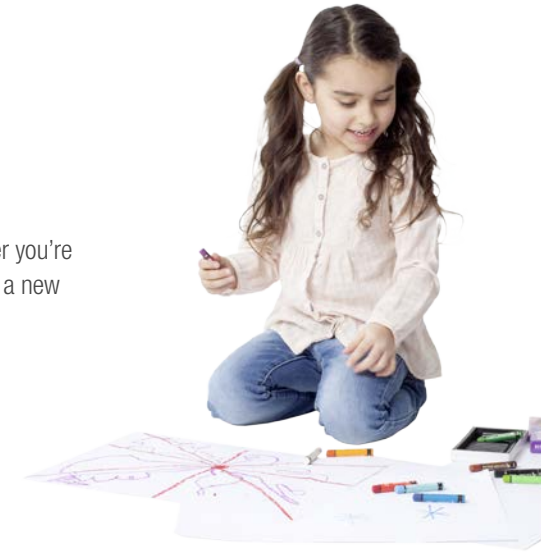


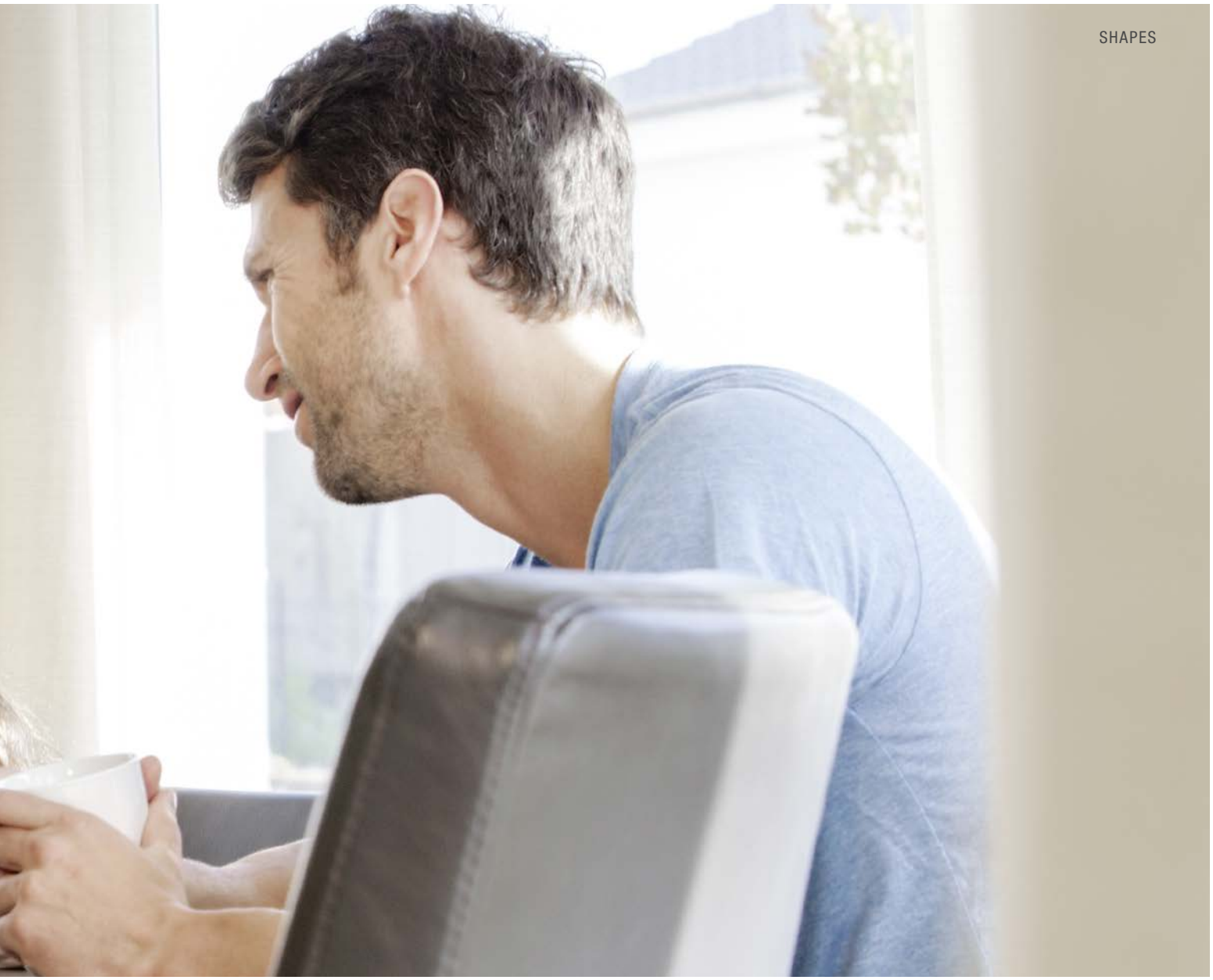


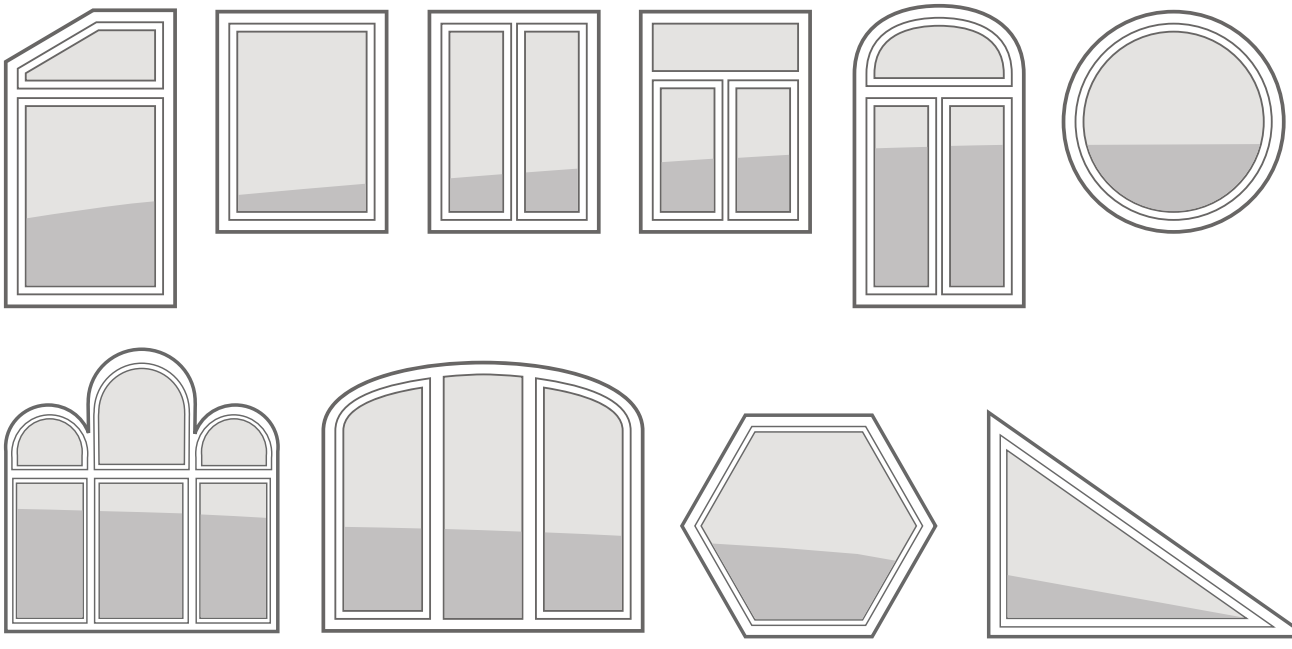
DESIGN YOUR WINDOWS
exactly how you want them

Large, small, angular or round –with SYNEGO, you have a plethora of architectural options to choose from.

Complete design freedom.
Windows don't always have to be rectangular. Whether straight, rounded or circular – with SYNEGO, there's a world of options. Style elements, muntins or creative window divisions create additional accents. SYNEGO is ideal whether you're renovating an older building or constructing a new one.










... where we feel most
at home – naturally

CLEVER TECHNOLOGY
For your home and the environment

With SYNEGO, you've put your trust in a well-designed, sustainable window. It's a good feeling.

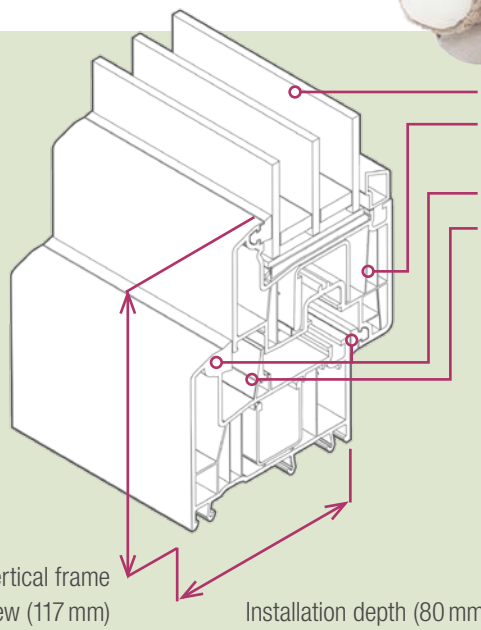


and completely sustainable.
We place emphasis on the use of materials and energy over the entire product life cycle. As part of our re-use concept, we take back windows for recycling. The raw materials thus gained are completely recycled, conditioned and fed back into the production process – with no loss in quality.

In the production process itself, we reduce energy consumption in a number of ways. After all, using fewer resources is the best way to protect the environment.



1,000,000 kg less CO_2 per year
through the use of secondary raw materials



Triple glazing, glass thickness of up to 51 mm
7 chambers in the frame, 6 chambers in the casement **for high insulation**

Seals for reliable **protection against draughts and moisture**
Optional third seal level

Low vertical frame view (117 mm) **for maximum daylight**

Installation depth (80 mm) **for lean proportions**

Technical specifications			
		Rebate gasket	Central gasket
Thermal insulation profile		U_f up to 1.0 W/m²K	U_f up to 0.94 W/m²K
Thermal insulation window	Glass (U_g value)	Total insulation value window (U_w value)	
	0.8 W/m²K	0.94 W/m²K	0.92 W/m²K
	0.7 W/m²K	0.87 W/m²K	0.86 W/m²K
	0.6 W/m²K	0.81 W/m²K	0.79 W/m²K
	0.5 W/m²K	0.74 W/m²K	0.72 W/m²K
	0.4 W/m²K	0.67 W/m²K	0.66 W/m²K
Noise insulation	up to $R_{w,p}$ up to 46 dB		
Break-in protection	up to RC3		

vinyl plus

We apply our experience and expertise to various associations and initiatives. As a member of Vinylplus, for example, we're committed to increasing sustainable production by 2020.

... and they know their stuff:



YOUR BENEFITS
at a glance

1. Energy savings thanks to great thermal insulation
2. Peace and quiet thanks to noise protection
3. Feel safe with individual features for your home
4. Creative window design with a variety of shapes and colours
5. Brilliant, clean windows using our innovative HDF formula
6. Responsible contribution to protecting the environment

Interested in SYNEGO? We're happy to advise you!

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Subject to change
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