

How **quiet** ...

loud can be.



Visual privacy and acoustic fencing system

ThomTek[®] Perilux





ThomTek[®] Perilux



MADE IN
GERMANY

Noise
reduction up to
29 dB

ENJOYING THE NICE SIDES OF LIFE

WE WANT TO PROTECT YOUR HEALTH AND WELLBEING

The new visual privacy and acoustic fencing system

The **ThomTek**® Perilux was developed as a sound-proofing structure to significantly reduce sound transmission and to protect against noise pollution, which can be the cause of hearing damage, stress, high blood pressure and insomnia.

In addition to protecting the living area from noise pollution, the **ThomTek**® Perilux is an attractive part of the landscape and fits within any architectural environment. The design of the fence system offers an effective barrier to road traffic noise as well as con-

struction, industrial and commercial noise. Because of its durability and high level of stability in all weather conditions, property values are enhanced and the quality of life for the residents is improved.

See for yourself the high-quality materials, the attractive appearance, and the significant reduction in ambient noise levels. Improve your quality of life with the **ThomTek**® Perilux and look forward to more peace and quiet in your home.



ThomTek[®] Perilux

SO QUIET ...

Noise reduction by up to 29 dB with your **ThomTek®** Perilux.

30 dB	Whispering
50 dB	Refrigerator
60 dB	Normal conversation
70 dB	Lawnmower
75 dB	Normal traffic noise
85 dB	Limit level for noise in the workplace
90 dB	Lorry
100 dB	Pneumatic hammer
110 dB	Power saw
120 dB	Pain threshold, powerful thunder
130 dB	Jumbo jet starting nearby
150 dB	Immediate, irreparable damage to hearing



NATURAL AND INDIVIDUAL



WPC profiles

WPC stands for “wood polymer composite”. It is comprised of a combination of wood fibres and thermoplastic bonding agents, which are extruded and fused together.

At 70% domestic woods, the wood content is very high. The colours are generated by the addition of environmentally friendly coloured pigments.

Steel profiles

The hot-dip galvanised steel profiles are powder coated in a way that is totally environmentally friendly. Electrostatically charged and solvent free powders are applied to the steel by spray guns and then thermally cured. Optimal adhesion to the zinc surface is guaranteed with several passes.

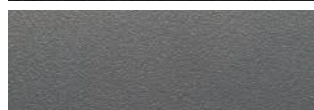
The colours shown for the WPC and steel profiles may deviate from the original. Colour samples are available on request.



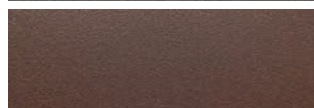
Elegance
Graphite



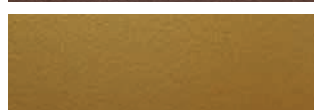
Elegance 9005
(Black)



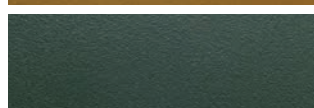
Elegance 7016
(Dark Grey)



Elegance 8017
(Dark Brown)



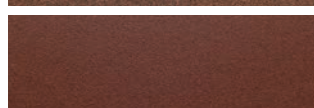
Gold



Elegance 6009
(Forest Green)



Elegance
Brown Auburn



Elegance
Auburn



Metallic Silver

This is a selection of the most popular colours. Other colours are available on request. Colour samples are available on request.



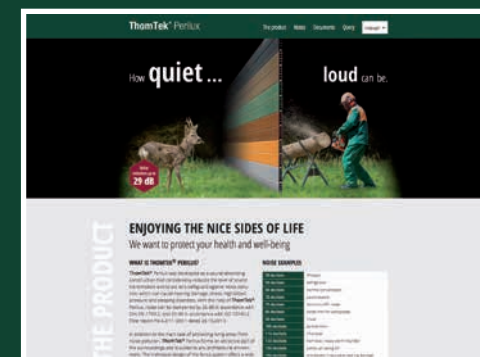
ThomTek[®] Perilux

OUR NEW PRODUCTS

Our website

www.ThomTek-Perilux.de

Visit our website for further information about the **ThomTek®** Perilux. Documents are available for download on our website, but should you require any further information please do not hesitate to contact us.



Scan this QR code with your smartphone to go to the **ThomTek®** Perilux website.





ThomTek[®] Perilux

CLEANING MADE EASY

The **ThomTek®** Perilux is largely maintenance free

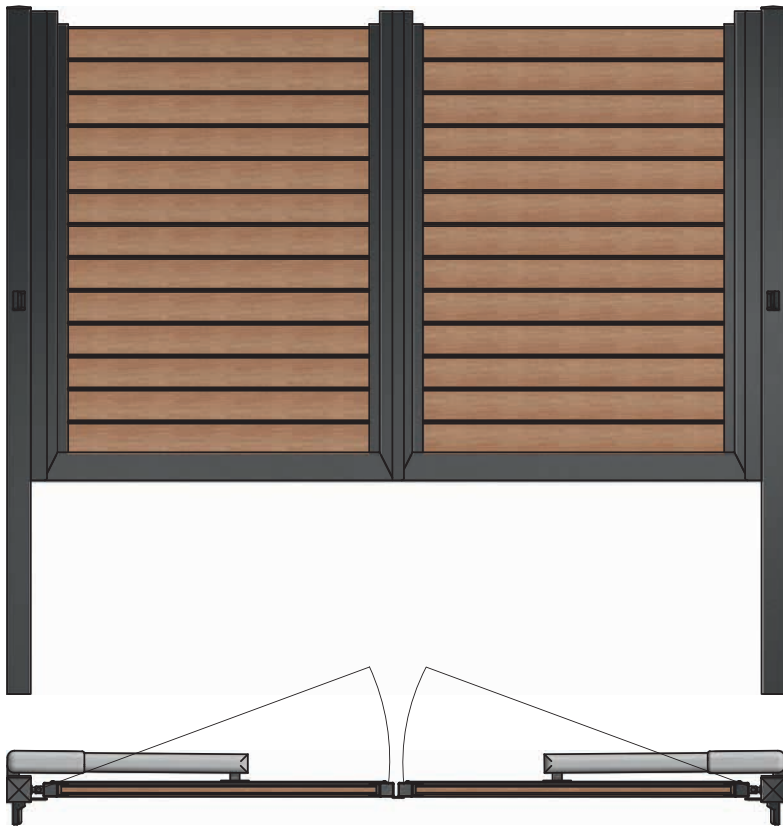
WPC profiles are easy to clean with water. If very dirty, a pressure washer (no steam jet) may be used with a maximum pressure of 80 bar and a minimum distance of 30 cm from the WPC profile. Do not use cleaning agents containing solvents. Because of the polymer proportion, the WPC profiles are largely maintenance free. Painting or oiling to prolong durability is unnecessary.



GATES AND DOORS

The **ThomTek**® Perilux can also be installed and delivered with a gate or door.

Front view of gate

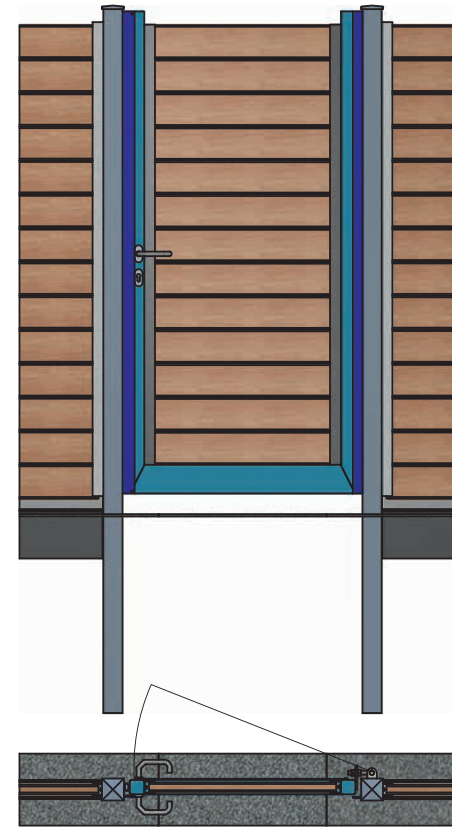


Top view of gate

Rear view of gate

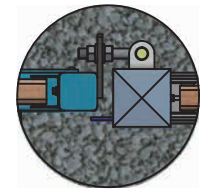
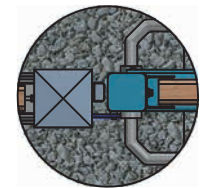
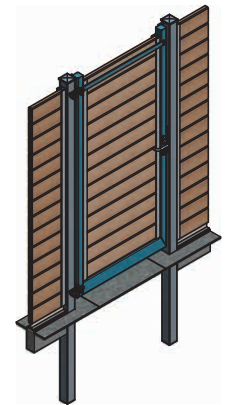


Front view of door



Top view of door

Rear view of door



Details of door





ThomTek[®] Perilux

SIMPLE, VARIABLE

The **ThomTek®** Perilux is simple to install

Installation of the **ThomTek®** Perilux is simply brilliant. The post spacing is variable up to a maximum of 3 m. The finished height can be selected as required. The dimensions of the posts and foundations are determined by the finished height above ground level.

The individual grading is dictated by the soundproofing profile width, and height differences are facilitated by the infinitely variable installation of the U-fixing-rails depending on the ground conditions. The soundproofing profiles are cut to length with standard woodworking tools and require no further processing. The use of compribands allow floating and vibration-free assembly. The fence installation must be adjusted so that the WPC profiles do not touch the soil/ground.

You will find planning and installation procedures on www.ThomTek-Perilux.de



SEEN IT BEFORE?

The **ThomTek**® Perilux and its installation

Get a picture of the **ThomTek**® Perilux and its simple installation. We present the specifications and advantages to you in our product film (German). Furthermore, we can discuss the planning, installation and various options for our acoustic and visual privacy fence.



Scan this QR code with your smartphone to go to the **ThomTek**® Perilux installation film (German).





MADE IN
GERMANY



ThomTek[®] Perilux

Three-metre high **ThomTek**[®] Perilux to protect a residential district in Duisburg from the noise of a neighbouring outdoor restaurant.

The **ThomTek®** Perilux on a roof in Aachen acting as a noise reduction barrier for a ventilation facility (top picture) as well as on a roof of a recooling plant of the Ludwigshafen am Rhein hospital (bottom picture).



CERTIFIED NOISE REDUCTION

Soundproofing solutions
for urban requirements

With the aid of the **ThomTek®** Perilux, noise is reduced by 26 dB in accordance with DIN EN-1793-2 and by 29 dB in accordance with ISO 10140-2.

(Test report PB 4.2/11-339-1 dated 28.10.2011)

Noise
reduction up to
29 dB



Customer references

“It was important to me that the length of the posts could be 2.5 m. I liked it very much. Since we have had **ThomTek**® Perilux, I don't really notice that the people go behind the fence. We are happy about our new fence. All our friends and neighbors are excited about this system.”

Mr. Billen, Mönchengladbach

“We live directly at the heavy traffic cycle path. The hedge we have there didn't provide us with the good noise protection. Our friends recommended us to install **ThomTek**® Perilux. We tested the noise reduction at the test fence and finally decided to mount the fence. If somebody cries, we cannot fail to hear it. But we are very happy with the noise reduction”

Ms. Müller-Steffan, Korschenbroich

“We enjoy the fence every day. This is something special. All our friends and relatives are enthused about it. This fence is luxurious.”

Ms. Schlossarek, Hückelhoven-Ratheim