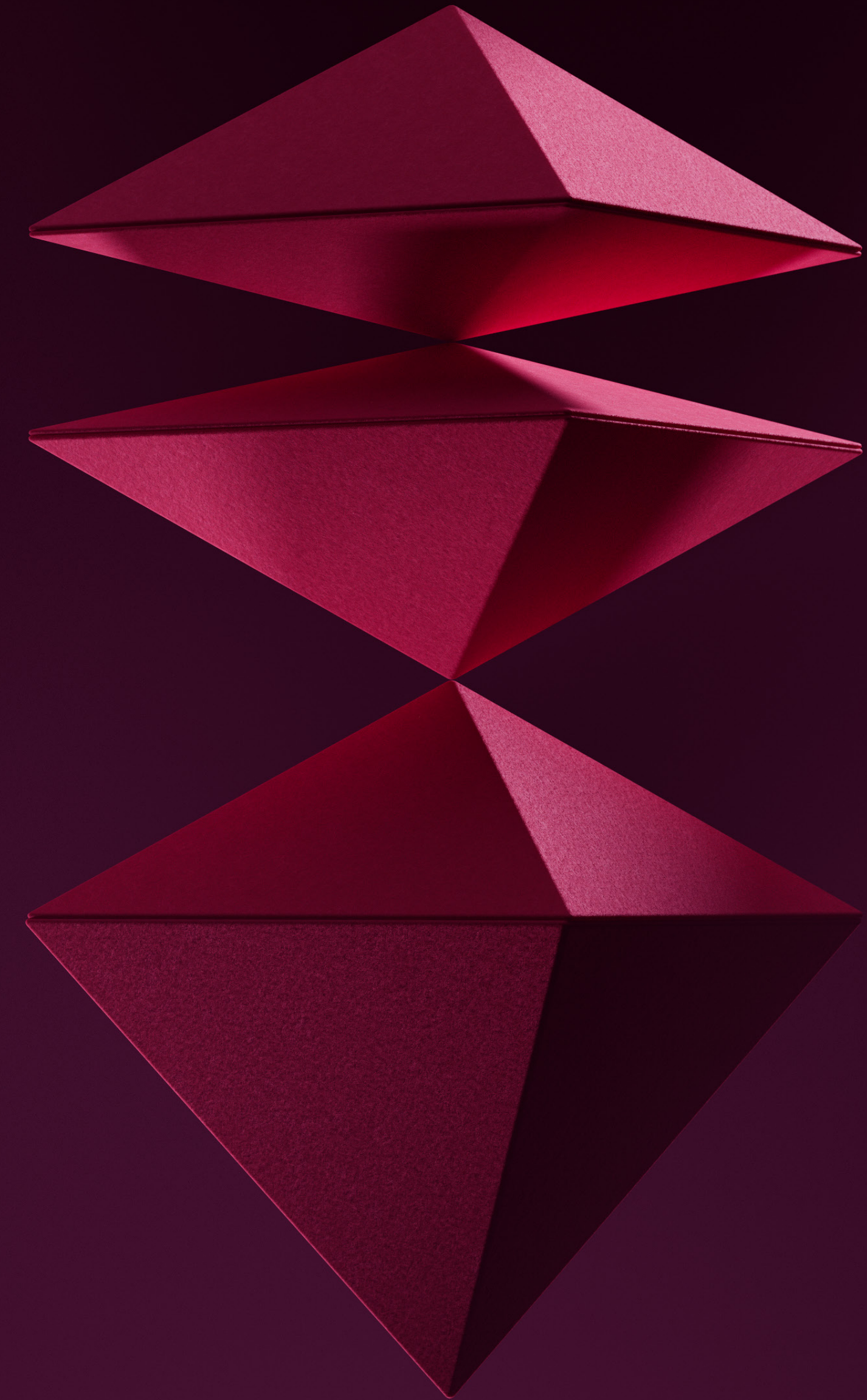


SPIEGEL PANELS

by

VERNER PANTON

An icon returns
to shape modern spaces



OFFECCT

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Spiegel Panels return as a design icon



BACKGROUND & RATIONALE

Today's interiors demand solutions that combine a unique character with functional performance. As open and collaborative environments continue to grow, architects are looking for elements that shape space visually while improving acoustic comfort. Spiegel Panels respond to this need by uniting sculptural design, acoustic performance and environmental responsibility. Originally designed by Verner Panton, the panels return today as a contemporary architectural element – bringing rhythm, depth and identity into modern interiors.

THE BRIEF: A RADICAL REDESIGN

In 1969, Verner Pantan was commissioned to redesign the interiors of the »Der Spiegel« headquarters in Hamburg – home to one of Europe’s most influential news magazines. Rather than designing a conventional office environment, Pantan envisioned the building as a total spatial experience.



Through colour, geometry and sculptural forms, he transformed the publishing house into a dynamic interior landscape – an environment designed to influence atmosphere, creativity and collaboration.



One of the most distinctive elements of this project became the Spiegel Panels, which introduced rhythm and architectural depth to the ceiling.

THE BIRTH OF THE SPIEGEL PANELS

The pyramid-shaped panels used on the ceilings of the Spiegel Publishing House lounge and canteen were originally designed by Verner Panton in 1965 as part of the KAUFHOF seating furniture system and later featured in the Visiona 0 exhibition in Cologne in 1968.

Panton continued to develop his geometric spatial concepts, refining these three-dimensional elements into a more architectural expression. The panels ultimately became a permanent installation within his visionary total design concept for Der Spiegel headquarters, transforming the ceiling into a defining spatial gesture and a key component of the overall experiential identity of the interior.



VERNER PANTON'S

LEGACY

Panton reshaped the way designers think about form, light, space and mood — and his legacy continues to inspire architecture and design worldwide. This heritage gives Spiegel Panels their unmistakable identity.

VERNER PANTON'S LEGACY

Architect and designer Verner Panton remains one of the most influential designers of the twentieth century. Celebrated for his fearless use of colour, bold sculptural forms and immersive interiors, he challenged conventional ideas of furniture and spatial design.

From the iconic Panton Chair to visionary interiors such as »Der Spiegel«, Panton continuously pushed the boundaries of how form, light and space interact. His work reshaped modern design and continues to inspire architects and designers worldwide.

This legacy forms the foundation of Spiegel Panels today.

VERNER PANTON'S ICONIC PRODUCTS

Barboy Trolley | 1963
Verpan



Panthella Floor & Table Lamps | 1971
Louis Poulsen



Pantop Pendant Lamp | 1980
Verpan



Flowerpot Lamp | 1968
&Tradition



Panton Chair | 1958-1967 (design period)
Vitra



Heart Cone Chair | 1959
Vitra



VP Globe Pendant | 1969
Verpan



Panton One, known as
„Tivoli Chair“ | 1958



Living Tower | 1968
Vitra



System 1-2-3 Chair | 1973
Verpan



Topan Pendant Lamp | 1959
&Tradition



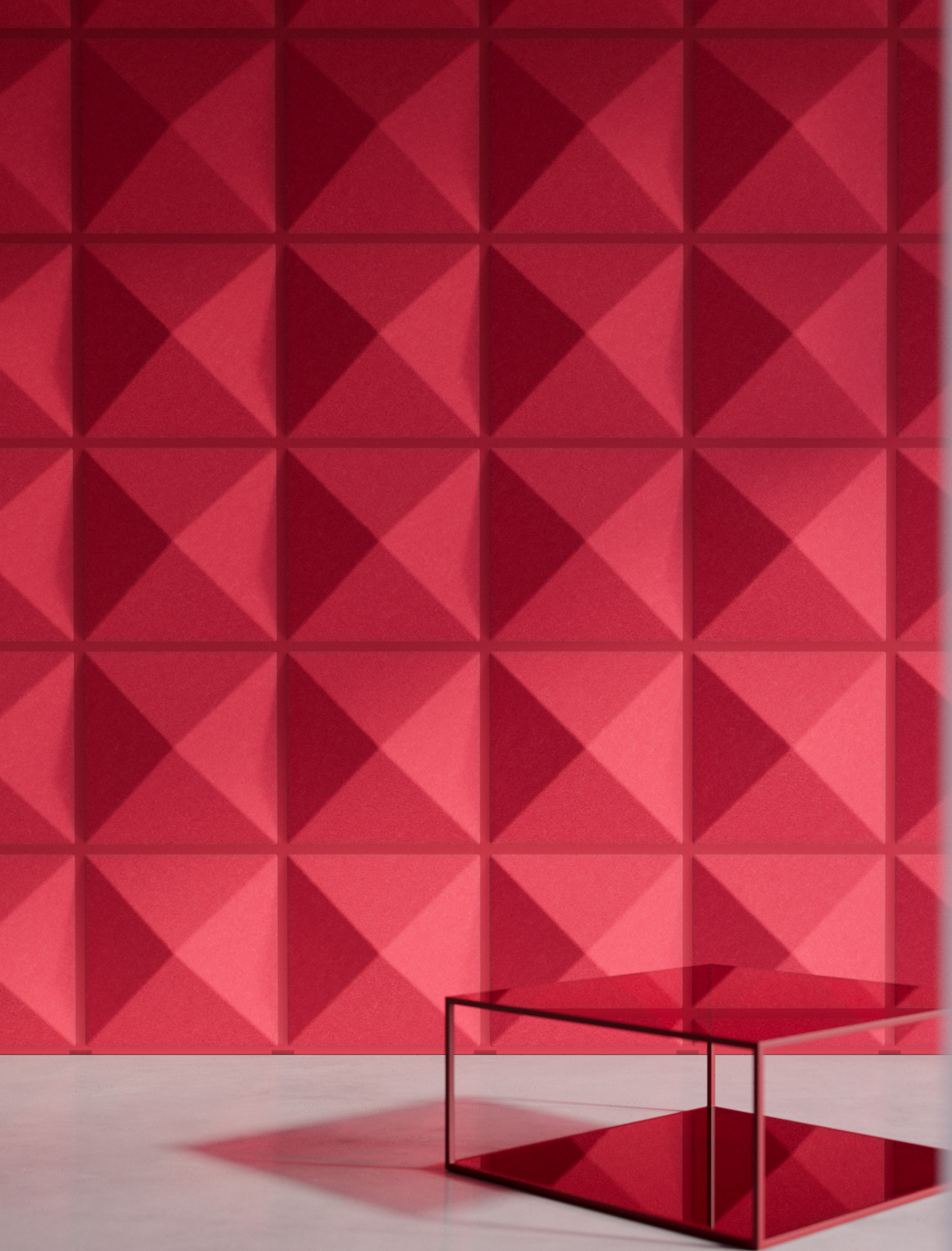
Amoeba Highback | 1970
Vitra



WHAT WAS RADICAL YESTERDAY BECOMES ICONIC TODAY



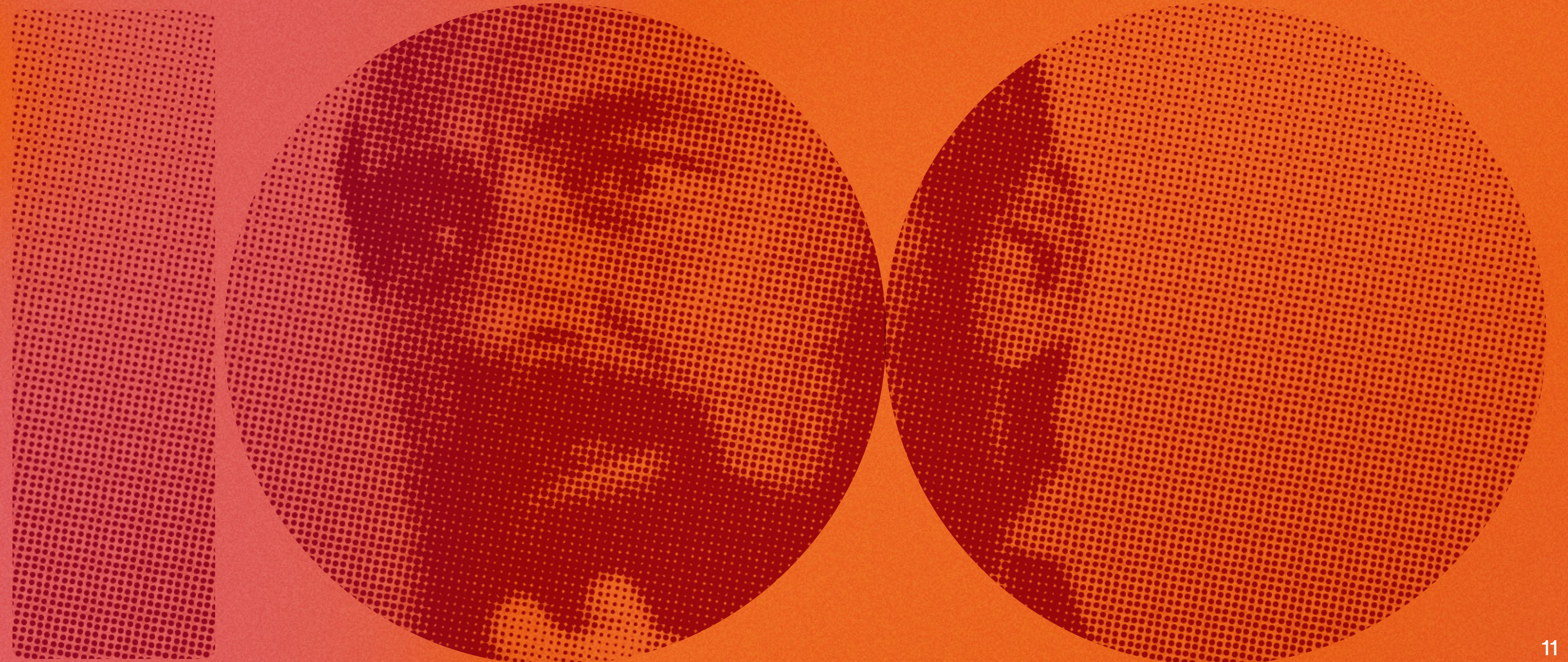
© Verner Panton Design AG



100 YEARS OF VERNER PANTON

In 2026, the design world celebrates the 100th anniversary of Verner Panton's birth. This milestone offers the perfect moment to bring one of his rare architectural concepts back into the spotlight.

Spiegel Panels honour this legacy by reintroducing the original design: enhanced with contemporary materials, acoustic performance and environmental responsibility.





AN ICON RETURNED

More than sixty years after their creation, Spiegel Panels remain one of the most distinctive expressions of Pantón's creative universe.

Their sculptural clarity and strong architectural presence feel remarkably contemporary.

Their return is not simply a reissue, it is a reintroduction of a design icon for a new generation of interiors.





THE CORE OF THE ORIGINAL

Spiegel Panels embody Panton's boldest design characteristics:

- confident geometry
- sculptural depth
- rhythmic repetition

Together they create a dynamic visual identity that energises interior spaces. Spiegel Panels are more than acoustic elements: they are pieces of design history, translated into a contemporary architectural solution.

COLOURS WORLD INSPIRED BY PANTON

The Spiegel collection features a carefully curated palette of 22 colours, reflecting the vivid tones of the original Der Spiegel installation.

Three Foundation Colours:

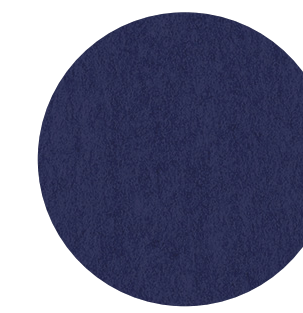
- Charcoal 542
- Gull 144
- Snow White 500

Available from stock for quick specification.

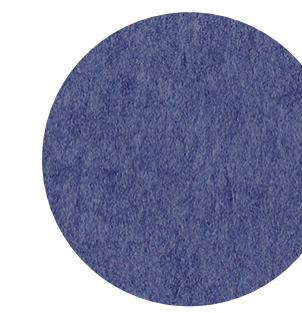
An extended palette offers further possibilities, allowing designers to emphasise the sculptural geometry of the panels.



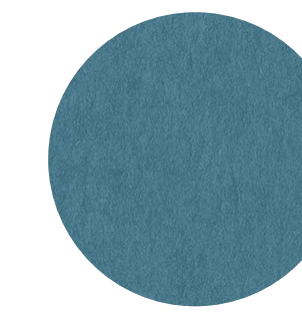
Grape



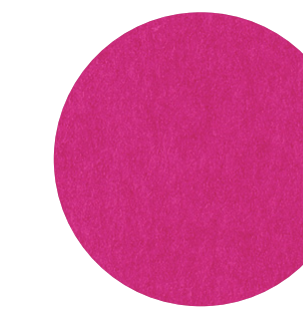
Midnight



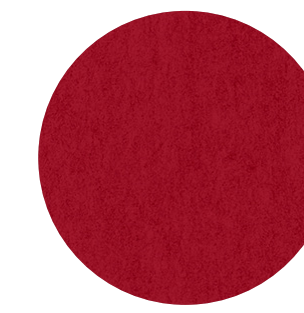
Marine blue



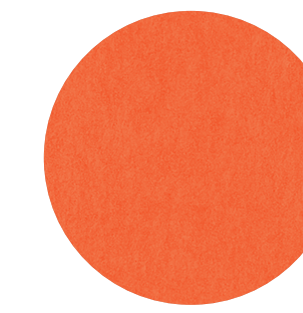
Pacific ocean



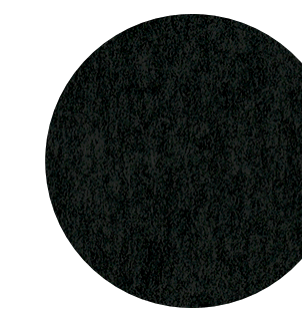
Hot pink



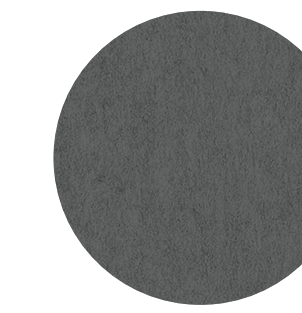
Poster red



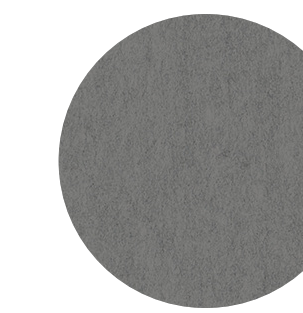
Electric orange



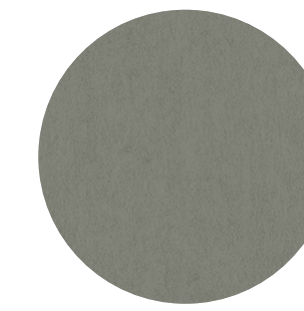
Raven



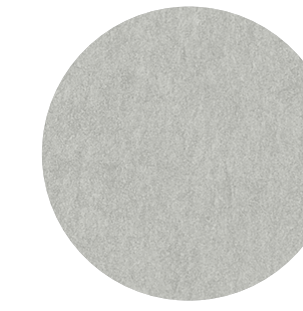
Charcoal
(Standard colour)



Slate



Ground



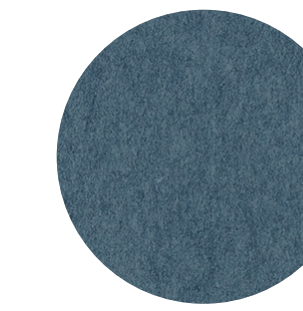
Gull
(Standard colour)



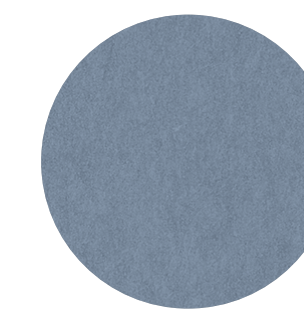
Snow white
(Standard colour)



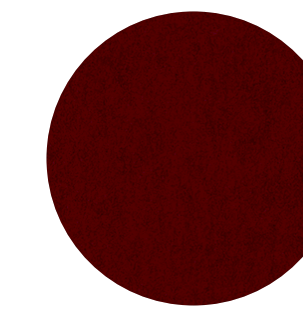
True navy



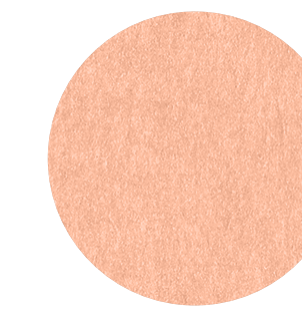
Deep sea



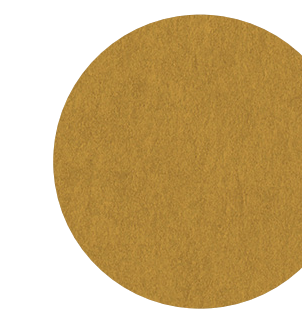
Winter sky



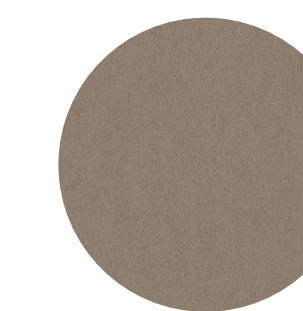
Garnet



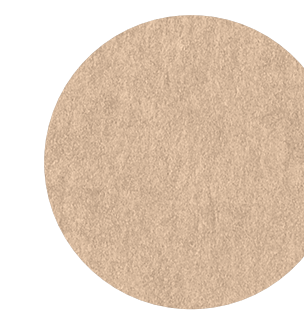
Soft coral



Honeycomb



Warm stone



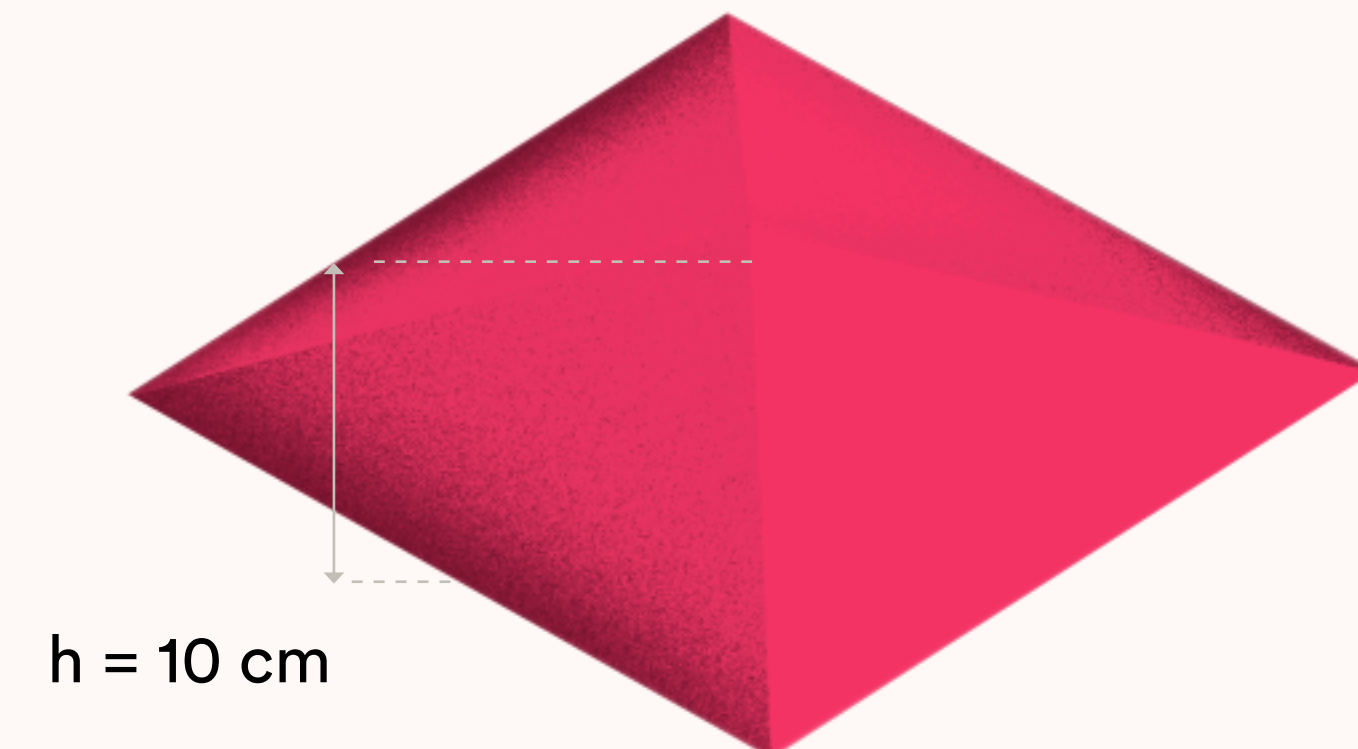
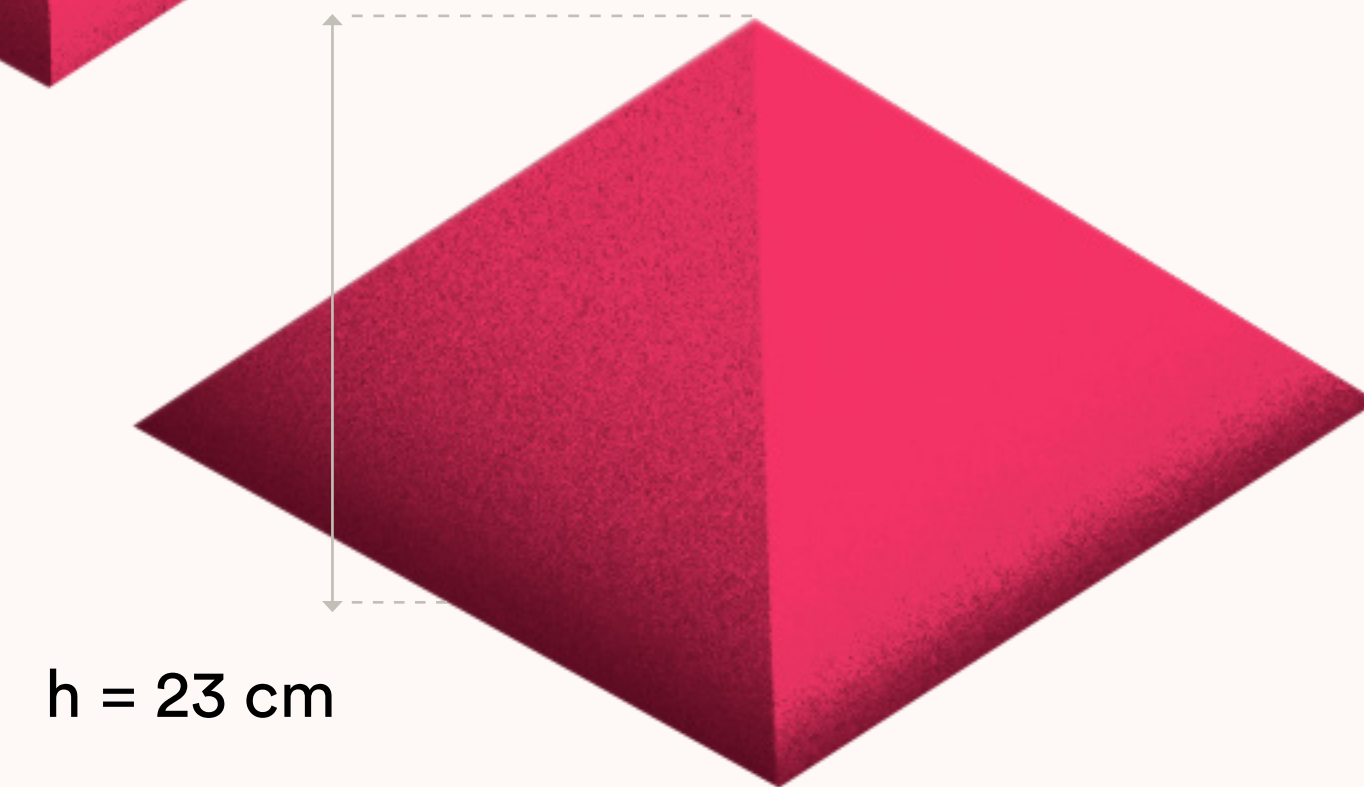
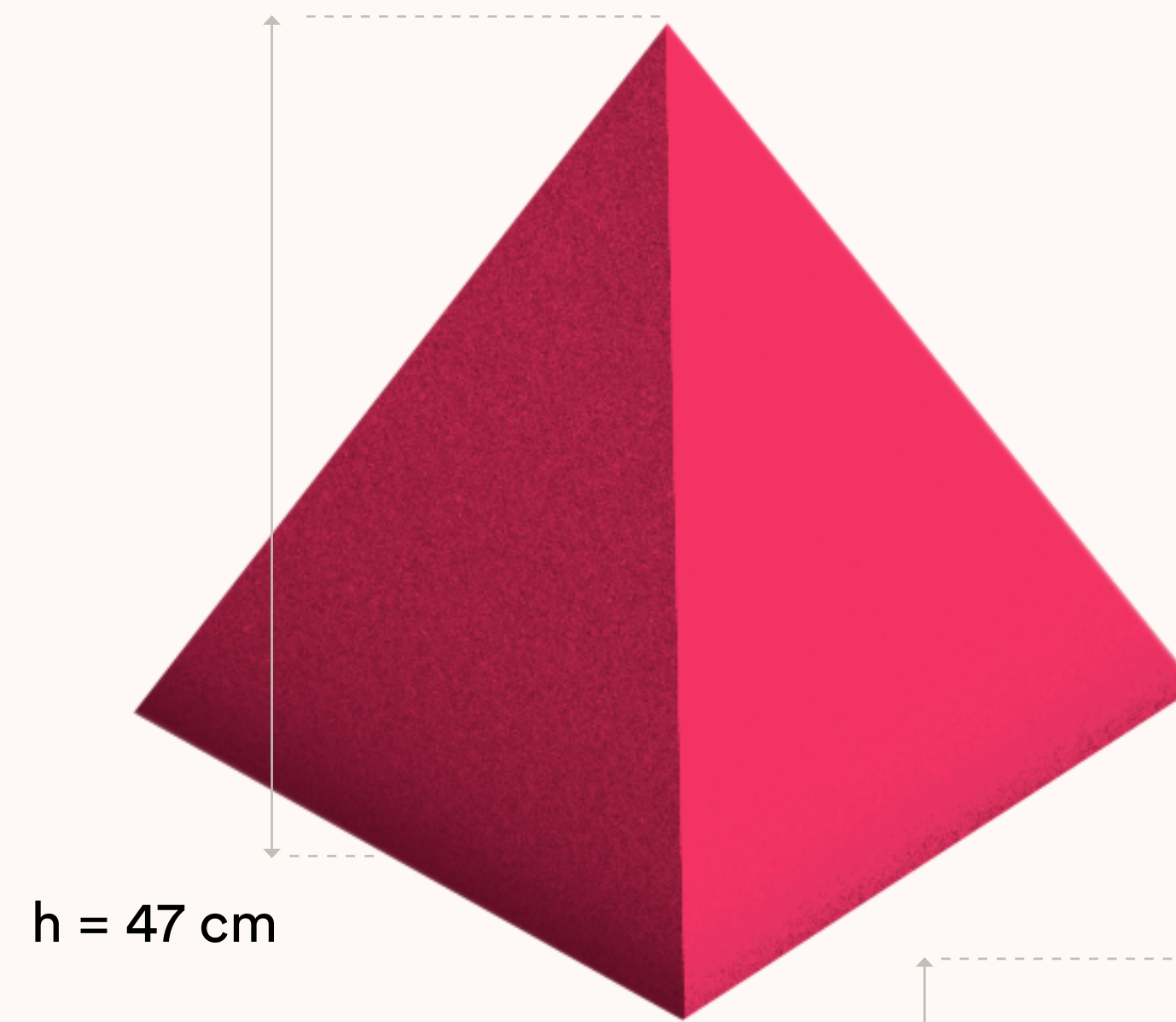
Jute



Linen

A VISION IN THREE DIMENSIONS

Spiegel Panels are available in three expressive heights: 10 cm (low), 24 cm (medium), 47 cm (high). Each height can be used individually or combined to create spatial compositions that range from subtle surface texture to a bold architectural statement. Together they allow designers to shape rhythm, depth and atmosphere with precision.



WHY THREE HEIGHTS MATTER

Multiple heights unlock genuine creative freedom. Lower panels introduce softness and subtle texture. Medium panels create balance and spatial rhythm. High panels add drama, shadow and sculptural impact.

This flexibility reflects Panton's original vision – interiors should feel dynamic, layered and emotionally engaging.



THIS IS ARCHITECTURE
THAT SHAPES ATMOSPHERE

HOSPITALITY. DEFINE ZONES



PUBLIC SPACES. CREATE CHARACTER



OFFICE. GUIDE THE EXPERIENCE



OFFICE. ADD IDENTITY



TECHNICAL DETAILS

HIGH-PERFORMANCE ACOUSTICS WITH CERTIFIED SAFETY

Crafted from advanced acoustic felt with high recycled content, Spiegel Panels unite design heritage with technical performance. They deliver acoustic absorption up to Class A under EN ISO 11654, improving comfort and clarity in complex interior environments.

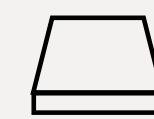
At the same time, the panels meet EN 13501-1 fire classification (B-s2, d0), ensuring reliable flame-retardant performance. The combination of high acoustic performance and certified fire safety remains rare within this product category.



Acoustic
performance
Class A EN ISO
11654



EN 13501-1 fire
classification
(B-s2, d0)



advanced
acoustic felt

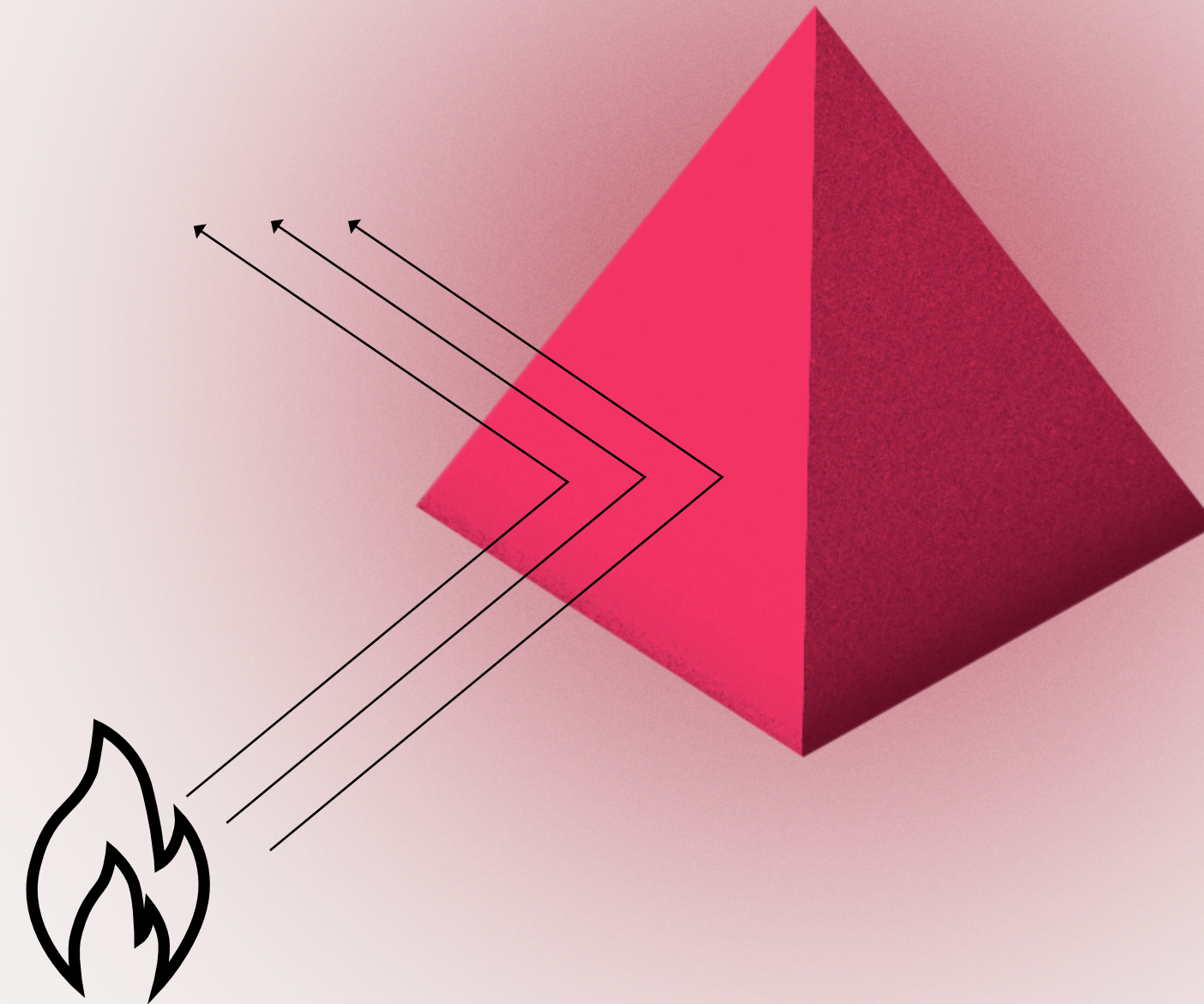
FIRE SAFETY YOU CAN TRUST

Spiegel Panels meet the EN 13501-1 B-s2, d0 standard, offering dependable flame-retardant performance required for commercial interiors. This makes them suitable for offices, hospitality environments and public spaces where strict safety standards apply.

All without compromising the purity of Panton's original design.



EN 13501-1 B-s2,
d0 standard



ACOUSTIC PERFORMANCE

Spiegel Panels deliver excellent sound absorption, reaching Class A performance depending on configuration.

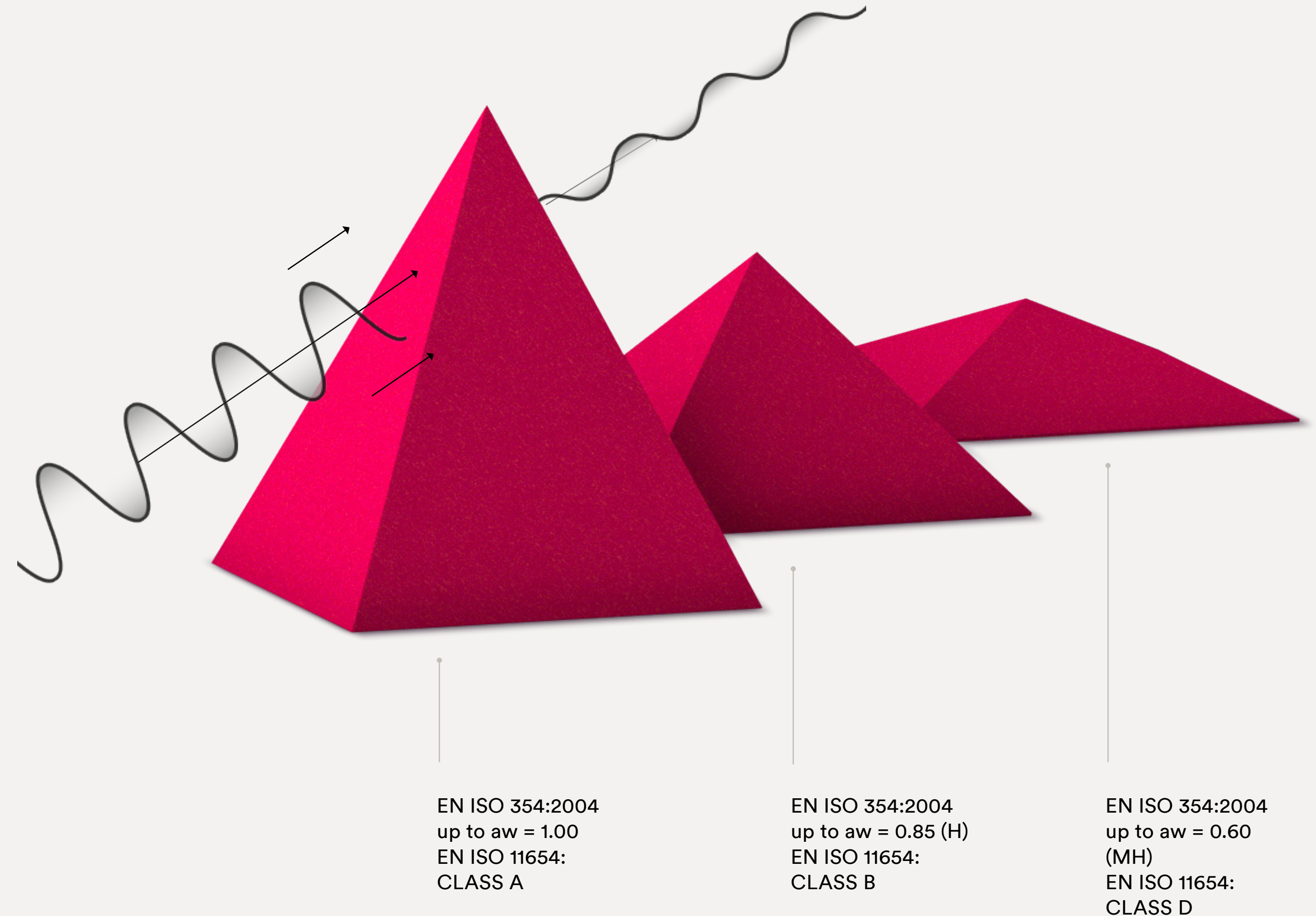
This makes them particularly effective for:

- open office environments
- hospitality spaces
- large public interiors

The combination of high acoustic efficiency and reliable fire resistance is rarely achieved within a single architectural panel system.



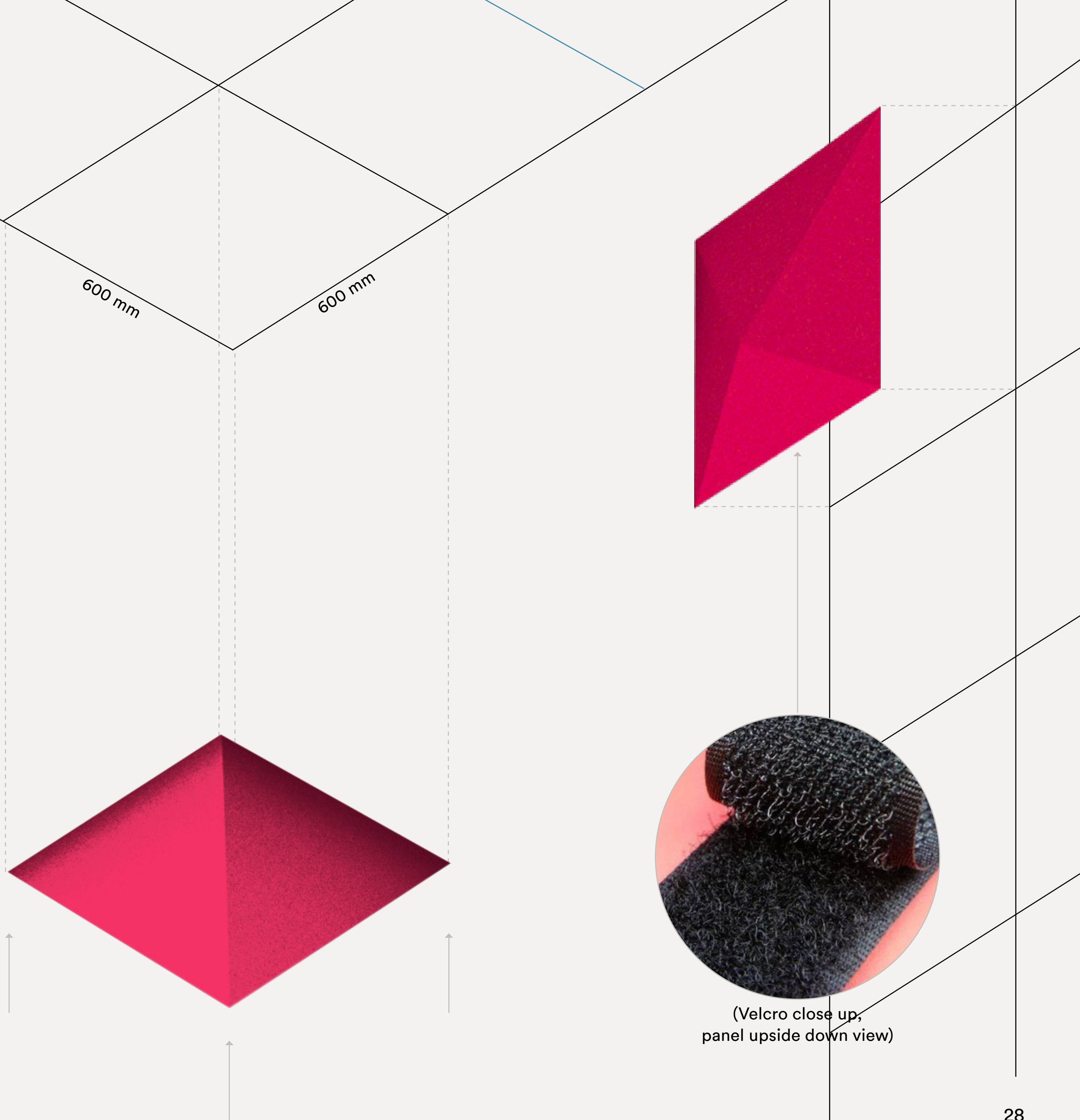
According to EN ISO 11654 standard, there are five sound absorption classes. These classes are labelled from A to E, where class A indicates the highest level of sound absorption and class E the lowest



SMART, SIMPLE INSTALLATION

Spiegel Panels are engineered for efficient installation. They integrate seamlessly into **standard 600 x 600 suspended ceiling systems**, allowing quick installation with minimal disruption.

The **Low panel** can also be mounted on walls using a discreet **Velcro system** – enabling statement walls and acoustic upgrades with minimal intervention.





PROVEN QUALITY & COMPLIANCE

Spiegel Panels meet key industry certifications including:

- EN ISO 354 / 11654 (acoustic performance)
- EN 13501-1 (fire safety)
- GREENGUARD Gold (indoor air quality)
- Möbelfakta (durability, safety and responsible production)

These certifications provide full confidence for architectural specification.

TEST / CERTIFICATE NAME

Sound absorption test EN ISO 354:2003

Acoustic facts

Environmental Product Declaration (EPD) 2.0

GreenGuard Gold

Möbelfakta

Fire test EN 13501-1:2018

CIRCULAR DESIGN



FLAMMABILITY

ACOUSTIC



TRANSPARENT ENVIRONMENTAL IMPACT

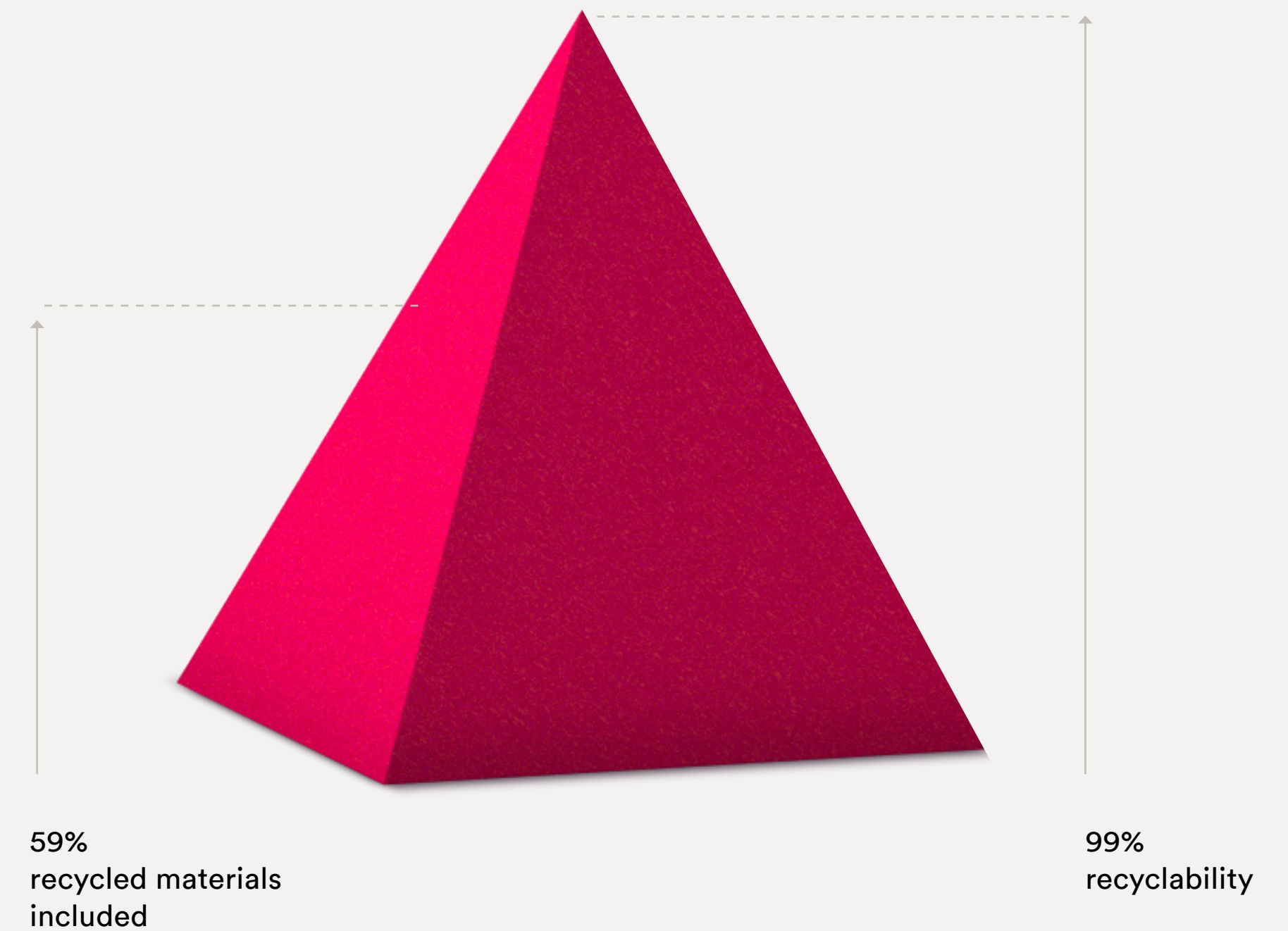


The Spiegel collection is supported by an Environmental Product Declaration (EPD).

This provides verified information on:

- carbon footprint
- energy consumption
- recycled material content

With up to 59% recycled materials and more than 99% recyclability, Spiegel Panels align with contemporary expectations for responsible design.



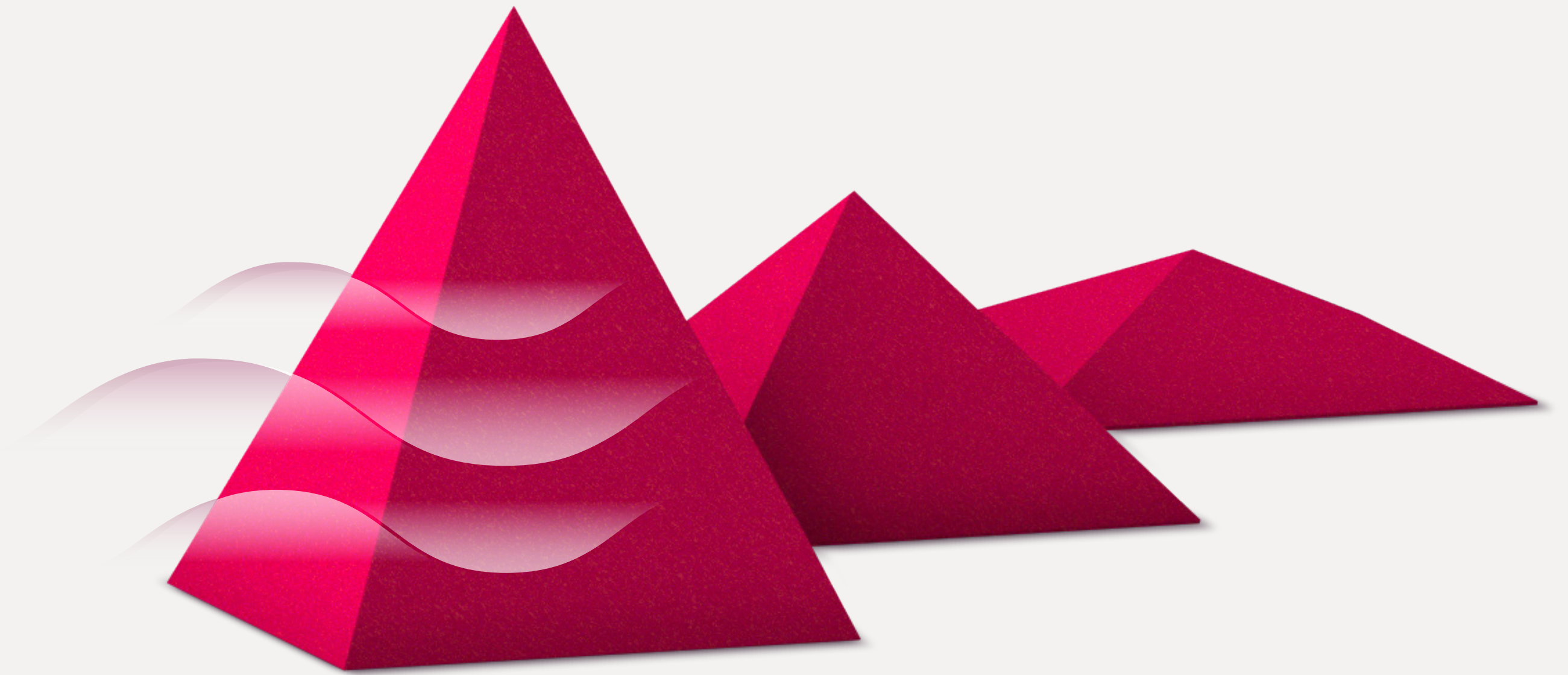
CERTIFIED FOR HEALTHY & RESPONSIBLE SPACES

Spiegel Panels are GREENGUARD Gold certified, ensuring low chemical emissions and healthier indoor air quality.

They also comply with Möbelfakta, confirming durability, safety and responsible supply chain standards. This makes them ideal for workplaces, public interiors and hospitality environments.



Products with Greenguard Gold certification emit fewer volatile organic compounds (VOCs), which contributes to improved air quality in the office. This is particularly important in enclosed office spaces where many people spend a lot of time.



WHY THIS MATTERS TODAY?

▲ Work

Spiegel Panels help structure flexible spaces, creating areas for focus, collaboration and informal interaction while improving acoustic comfort.


▲ Noise problem

The panels support sound absorption and reduce reverberation, helping to create calmer, more comfortable environments.

▲ Identity in generic spaces

Spiegel Panels introduce strong visual character through geometry and rhythm, giving spaces a distinctive architectural identity.

DICTIONARY & BENCHMARKS



EN 13501-1 B-s2,d0 – WHAT IT MEANS FOR SPIEGEL PANELS?

European fire classification standard for construction and interior materials:

Class B → very limited contribution to fire development (high fire safety level for interior products).

s2 → controlled / limited smoke production (important for visibility and evacuation safety).

d0 → no flaming droplets or particles during fire (reduces risk of fire spreading).

Higher fire safety level than EN 1021 – EN 1021 tests only cigarette and match ignition resistance, while EN 13501-1 B-s2,d0 confirms very limited fire contribution, controlled smoke and no flaming droplets, making it suitable for architectural and public spaces.

Why it matters?

- Suitable for commercial interiors such as offices, hospitality, museums and public spaces.
- Helps meet building regulations and tender requirements across Europe.
- Supports safe specification in high-traffic environments.
- Combines design freedom with certified fire performance.

EN ISO 11654 – SOUND ABSORPTION CLASSES

European standard describing how effectively materials absorb sound, expressed by coefficient α_w . Classes range from A (highest absorption) to E (lowest), based on laboratory tests (ISO 354).

Spiegel Panels – classes

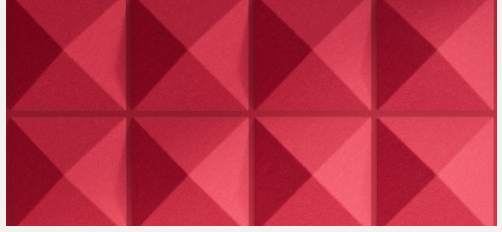
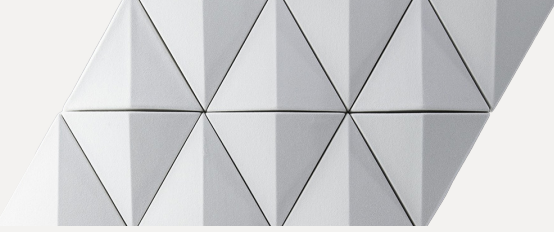
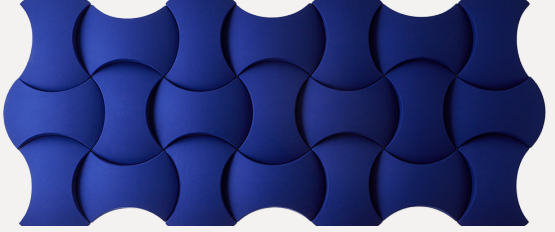
- Low panels – Class D (α_w up to 0.60)
basic absorption, improves overall acoustic comfort.
- Medium panels – Class B (α_w up to 0.85)
stronger absorption, improves speech clarity.
- High panels – Class A (α_w up to 1.00)
highest performance for demanding spaces
(open offices, meeting areas, public interiors).

Why it matters?

- supports precise acoustic planning.
- improves reverberation and speech intelligibility.
- allows combining panel heights for both design rhythm and performance.



BENCHMARKS

	SPIEGEL FROM OFFECCT (BY VERNER PANTON) 	BITS FROM ABSTRACTA 	SKY FROM ABSTRACTA 
Manufacturing technology	CNC-cut flat sheets, assembled into pyramid shapes	Thermoformed	Thermoformed
Base material	ARCHISONIC® board 100% PET (60% certified post-consumer content) – equivalent of approx. 53 PET bottles per m ²	Acoustic Polyester (PET)	Acoustic Polyester (PET) Hordfelt FR
Colour options	ARCHISONIC® material dyed in mass, available in multiple colours	Fabrics available in various colours	Fabrics available in various colours
Installation	All versions for suspended ceiling 600x600. Low version also for wall mounting with adhesive	Wall mounting using dedicated fixing system	Wall mounting using dedicated fixing system (magnets)
Acoustics	EN ISO 11654 – Class A (Class A achieved for the highest version)	EN ISO 11654 – Class A	EN ISO 11654 – Class A
Fire classification	EN 13501-1 – B-s2, d0	EN 1021-1 & 2 (tested in configuration with Focus Melange fabric)	EN 13501-1 – B-s1, d0 (tested in config. Hordfelt FR with Xtreme CS)
EPD	YES	YES	YES
GreenGuard	YES	NO	NO
Möbelfakta	YES	YES	YES
Acoustic facts	YES	YES	YES

WHY SPIEGEL PANELS?

▲ A true design icon

from 1969, bringing timeless geometry and a compelling architectural narrative into contemporary spaces.

▲ High-performance construction

with Class A acoustics, dependable fire-safety performance and a high recycled material content.

▲ Seamless installation

on standard 600×600 ceiling grids makes Spiegel Panels a specification-friendly solution for commercial interiors.

Thank you