

DESIGNED: ACOUSTIC

BY PINTA ACOUSTIC

_2.650.000 m²

of office space are created annually in Germany over the last
several years.

— CONGESTION

More work places on smaller footprints
is a trend with dangerous consequences...

_ DISSATISFACTION



_ SICK LEAVE



- PRODUKTIVITÄT



CUBICALS

A concept of the 60s as an answer by the office furniture
Industry is a strict contrast to modern communication
and the style of work in OpenSpace environments.

_OPENSPACE

_not

_office boxes

_ROOMDESIGN

VS.

_ACOUSTIC SOLUTIONS

— ROOMDESIGN

— WITH —

— AKUSTIC SOLUTIONS

DESIGNED:ACOUSTIC

BY PINTA ACOUSTIC

DESIGNED BY MARIE AIGNER

_ We are developing Acoustic Objects
as Design Elements in cooperation with
the Architect Marie Aigner

_ These products combine the technical expertise of five
decades of successful acoustic planning with our
ecological mindset and the use of recyclable and
sustainable materials.



MARIE AIGNER

**EVERYTHING WITH THE HIGH
REQUIREMENT OF CREATIVE FREEDOM FOR
ARCHITECTS AND DESIGNERS.**

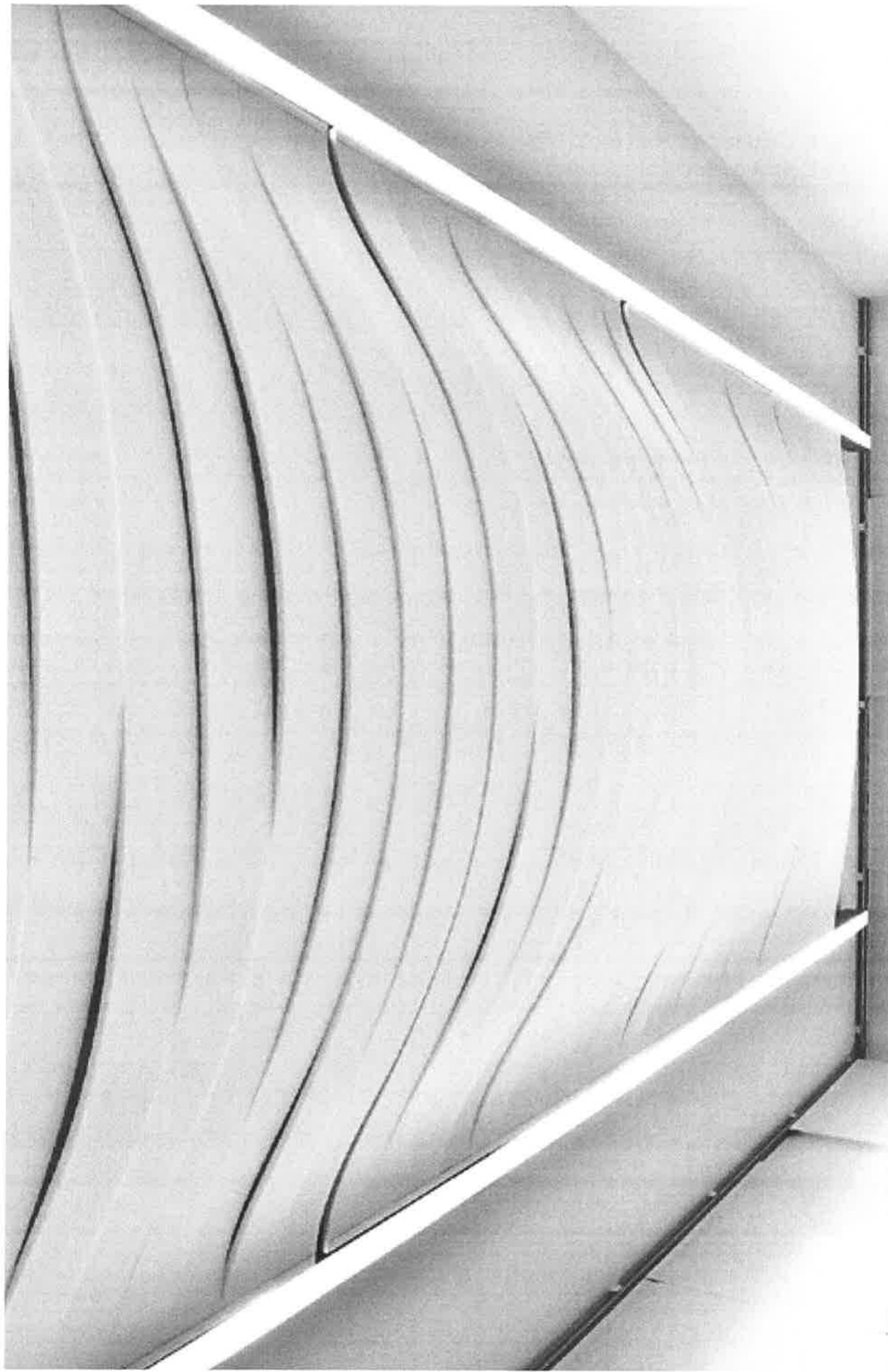
_NO LIMITS

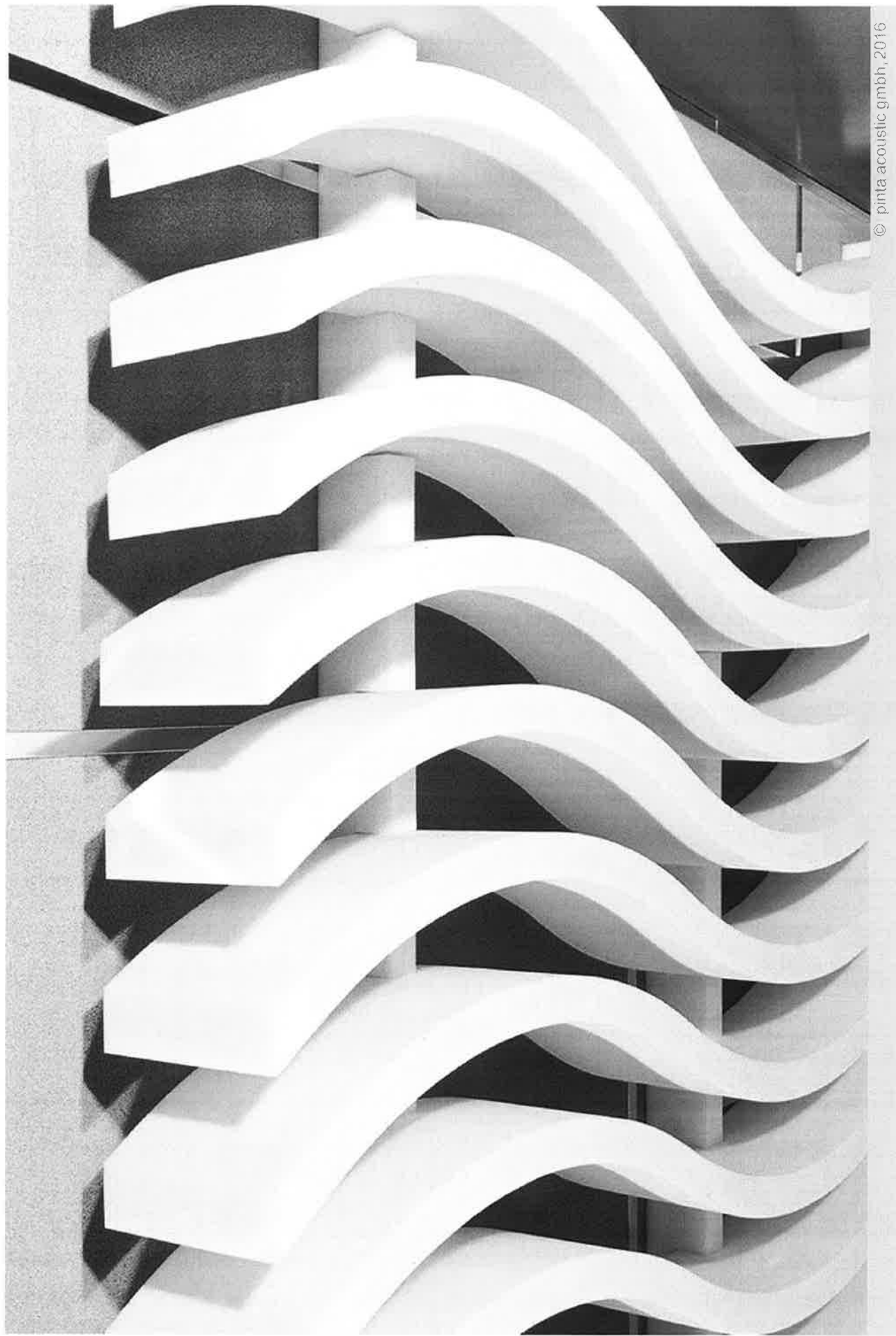
You have the freedom to design!

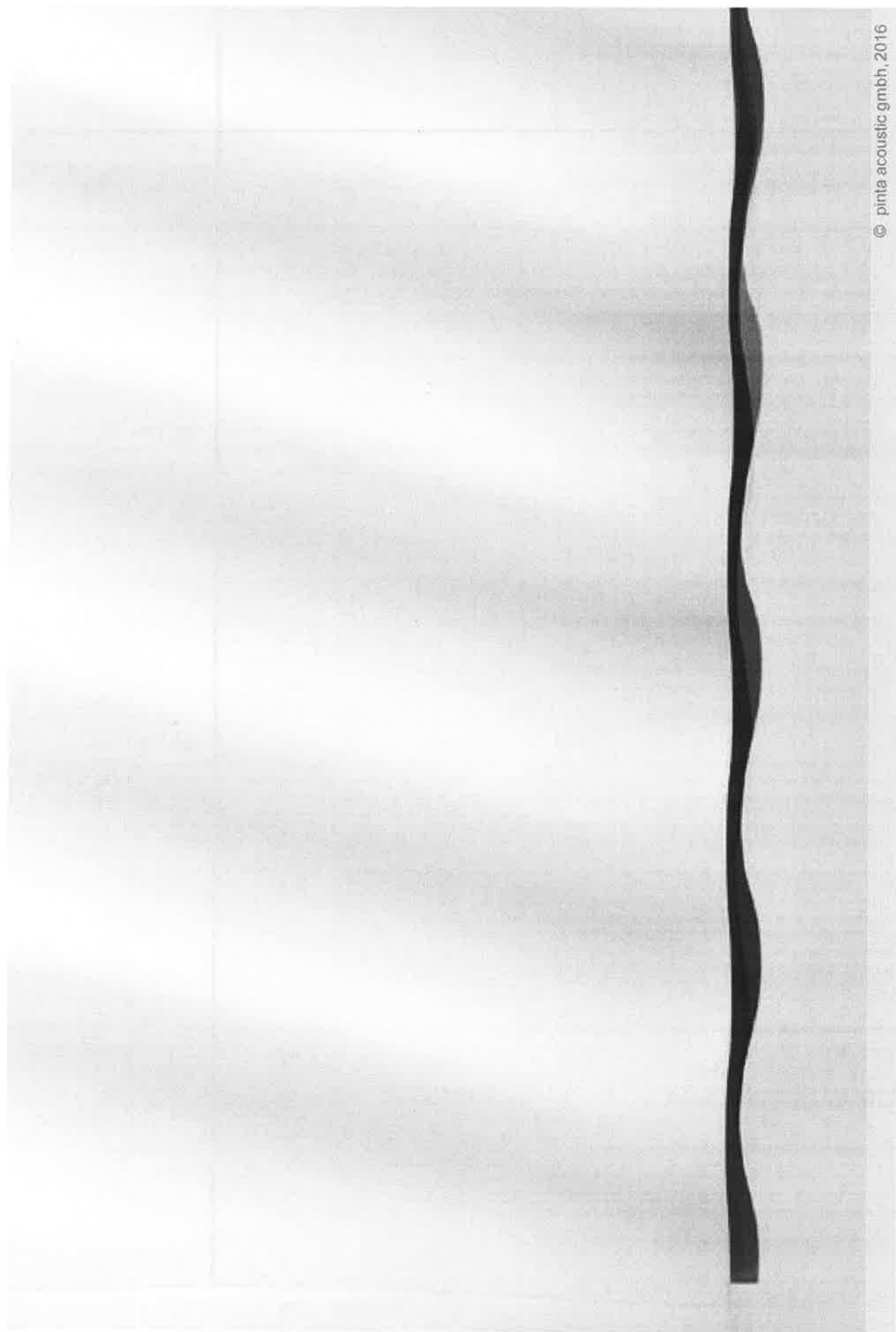
The following product concepts are just example,
Intended to inspire your creativity.

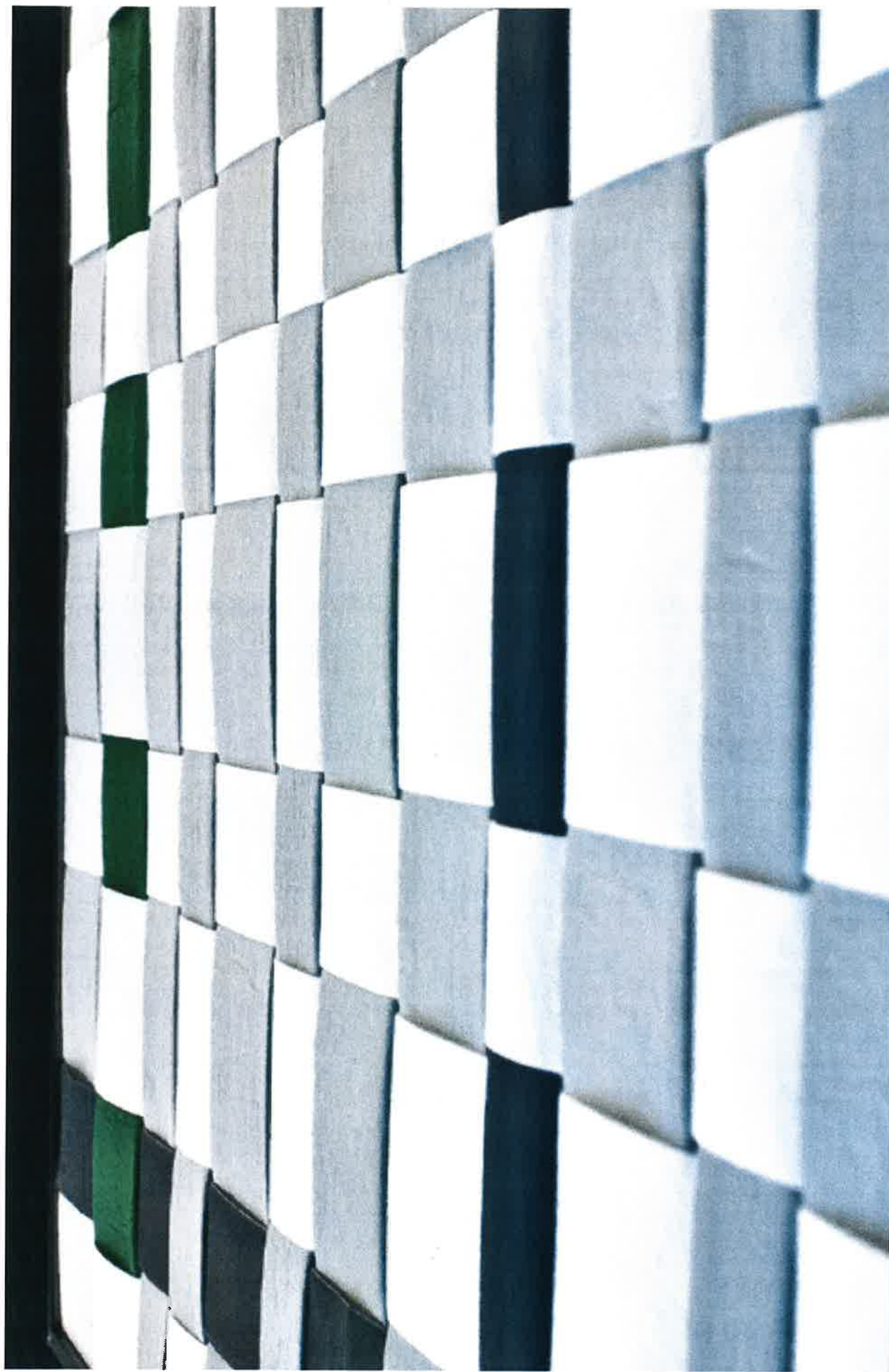


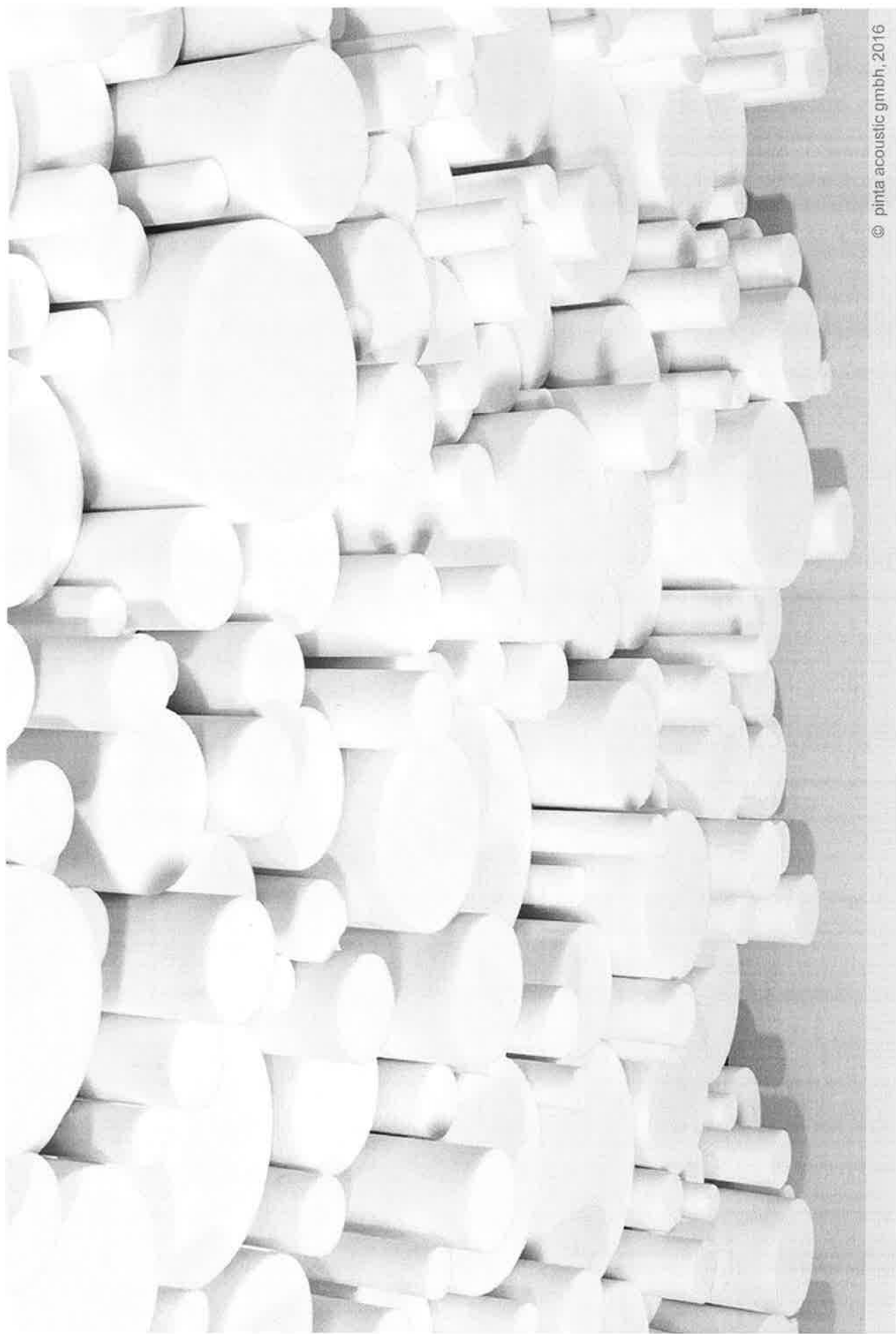














— VERY NICE...

But: In our industrialized world, we do have properly treated rooms
but speech intelligibility is still an issue!

PINTA 2.0: SOUND DNA

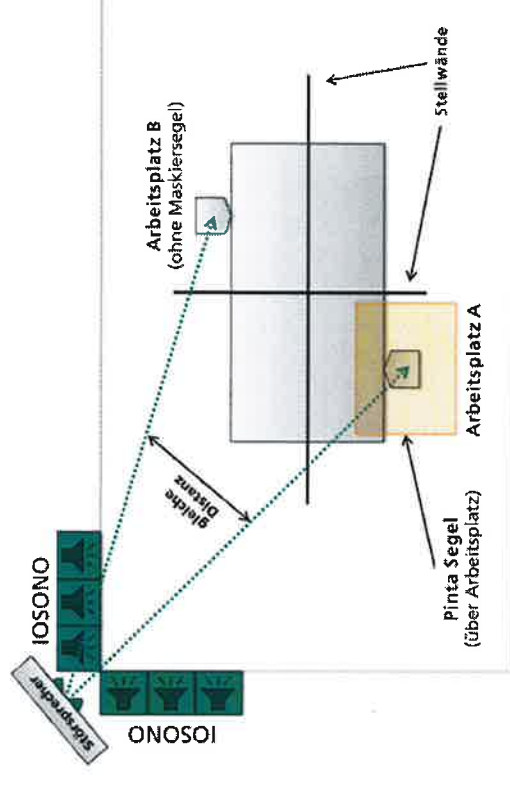
SOUNDMASKING BY PINTA ACOUSTIC

PERFORMANCE IMPROVEMENTS THROUGH ACTIVATION.

_ An initial prototype for sound masking was build in cooperation with Fraunhofer IBP .

_ The masking effect fades out certain sounds through imposition of sounds and frequencies. This leads to inaudibility of speech and other sounds.

_ Test results show that background conversation are being regarded as less interfering and the productivity of individuals increases.



EXPERIMENTAL SETUP OF SUBJECTS TESTS WITH MASKING CLOUD

INSTEAD OF PINK NOISE, ACTIVATION THROUGH NATURAL SOUNDS.

_ With the activation of rooms through natural, calming sound installations, we create a stress-free environment, which allows for healthy well-being.

_ A study in cooperation with Fraunhofer IBP Stuttgart showed that this leads to a 10% higher efficiency and performance.

_ Activation is only possible in acoustically treated, non-reverberant spaces.

**ONLY THE COMBINATION OF PASSIVE AND
ACTIVE PRODUCTS CREATES THE OPTIMUM SPEECH
INTELLIGIBILITY.**

_ECONOMY

Acoustical improvements make economic sense!

Example: 50 employees in an OpenSpace office coreate

Personell Cost of approximately 3,5 Mio. Euro/p.a.

A 10% improvement in performance means an increase in

Productivity of approximately **350 TEuro**. Annually!

It only takes an investment of about 50 TEuro. Incredible!

_HEALTH

Our products and materials are not hazardous to your health and meet fire classification rating according to DIN 4102 and DIN EN ISO 13501.



_SUSTAINABILITY

through Upcycling – our product line

pinta polar is manufactured from recycled
PET-bottles.

DESIGNED:ACOUSTIC

- _ Ideas for Architects and Designers, to actively integrate Acoustics into spaces.
- _ Materials and Products allow for creative freedom and individual room concepts.
- _ For higher Productivity, Health and Well Being in the workplace.



MICHAEL ILLBRUCK

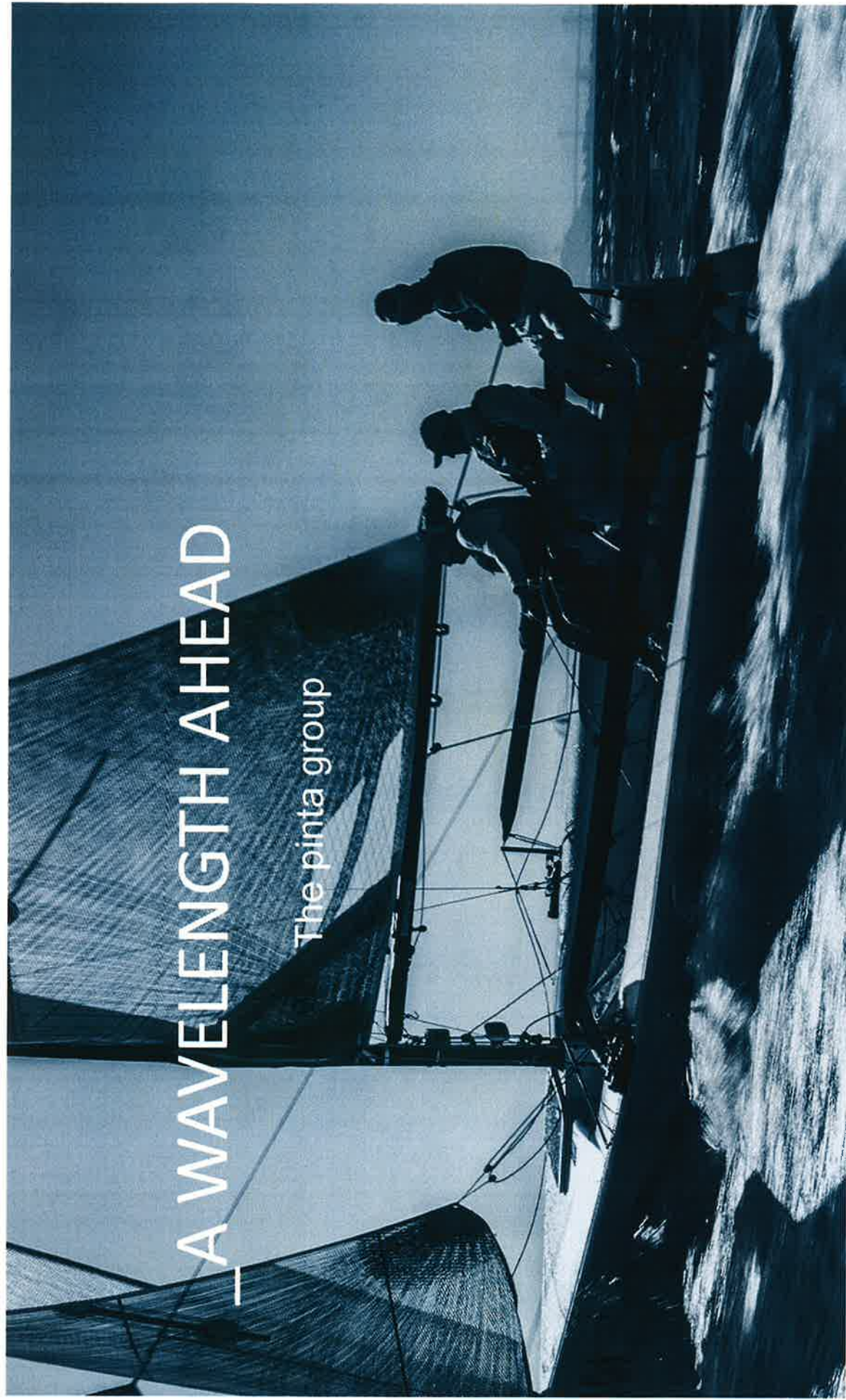
**WE DESIGN ACOUSTIC SOLUTIONS,
THAT FIT THE SPACE, MAKE IT BETTER.**

ONLY PINTA CAN DO THIS!



— A WAVELENGTH AHEAD

The pinta group



pintaacoustic



pintaabdichtung



pintaindustry



pintamarine



pintamedical



THE PINTA GROUP

- _ Worldwide active company with an annual sales volume of > EUR 60 Mio.
- _ Approximately 400 employees, who strive every day to improve products and solutions for our customers.
- _ More than 50 years experience in the construction industry.
- _ Specialized in custom solutions and systems.

**INNOVATIVE AND SUSTAINABLE
SOLUTIONS FOR HUMANS.**



THANK YOU VERY MUCH.