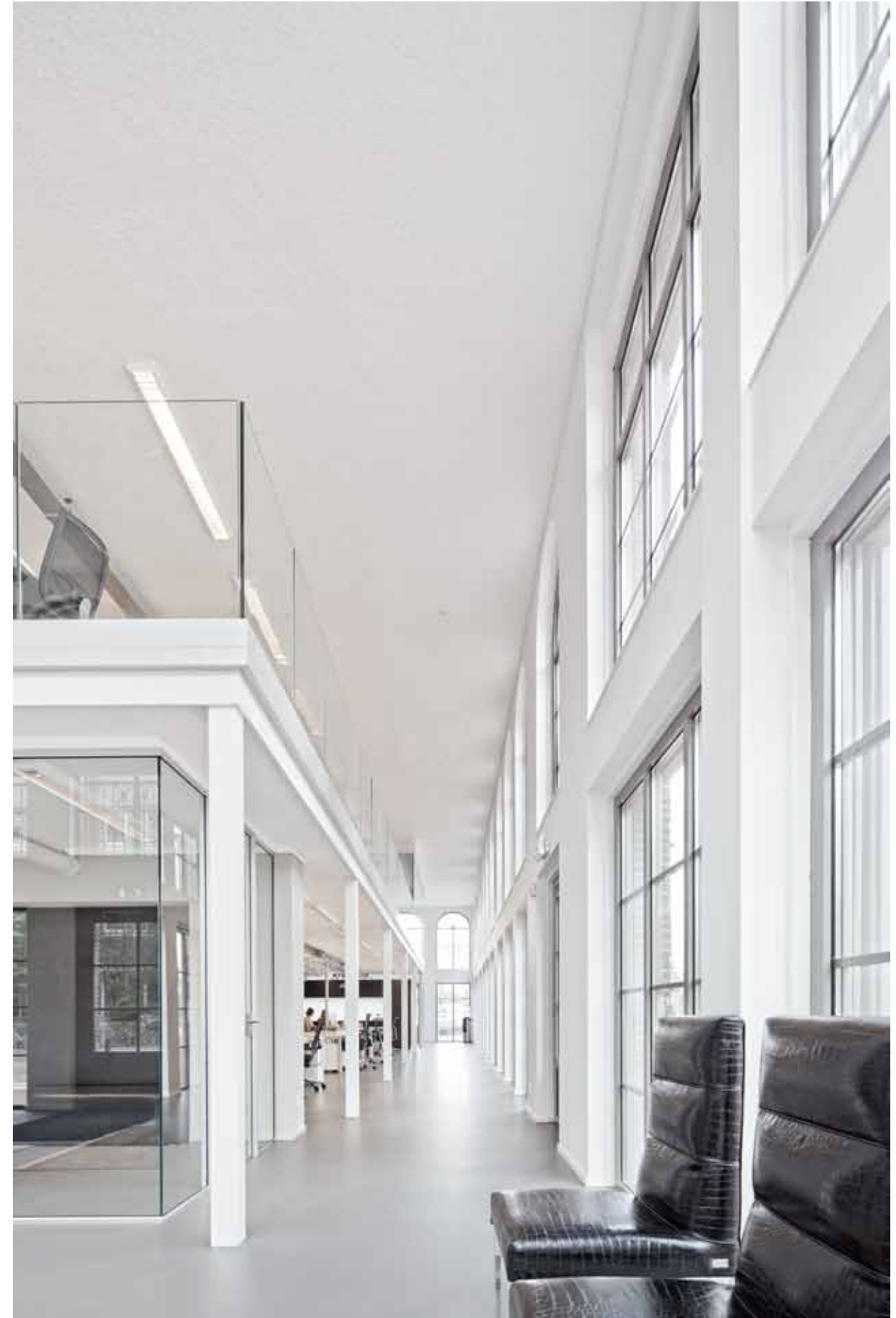


acosorb

seamless acoustical spray- and plasterwork





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architects can't force people to connect, it can only plan the crossing points, remove barriers, and make the meeting places useful and attractive.

Denise Scott Brown



creating  
the envisioned experience  
of sound









# form ever follows function

Louis Sullivan



Modern architecture often features high, open spaces. Hard sound-reflecting finished surfaces of glass and concrete combine to form a taut canvas for living, learning and work space.

Arched and vaulted or angular and elongated: multifaceted areas invite convergence and relaxation or dialogue and focus.

In the absence of sound-absorbing elements, sound is reflected and begins to reverberate. Tranquility and space then give way to annoyance: a cacophony of sounds and aggravating echoes.



# to hear a sound is to see it's space

Louis I. Kahn

Good acoustics tie in with the function of an area and are decisive for the user experience. The way sound travels depends on the design form and materials used.

Sound works largely at a subconscious level. Fortunately, the benefits of good acoustics are receiving more attention: concentration and stamina, a feeling of privacy and wellbeing.

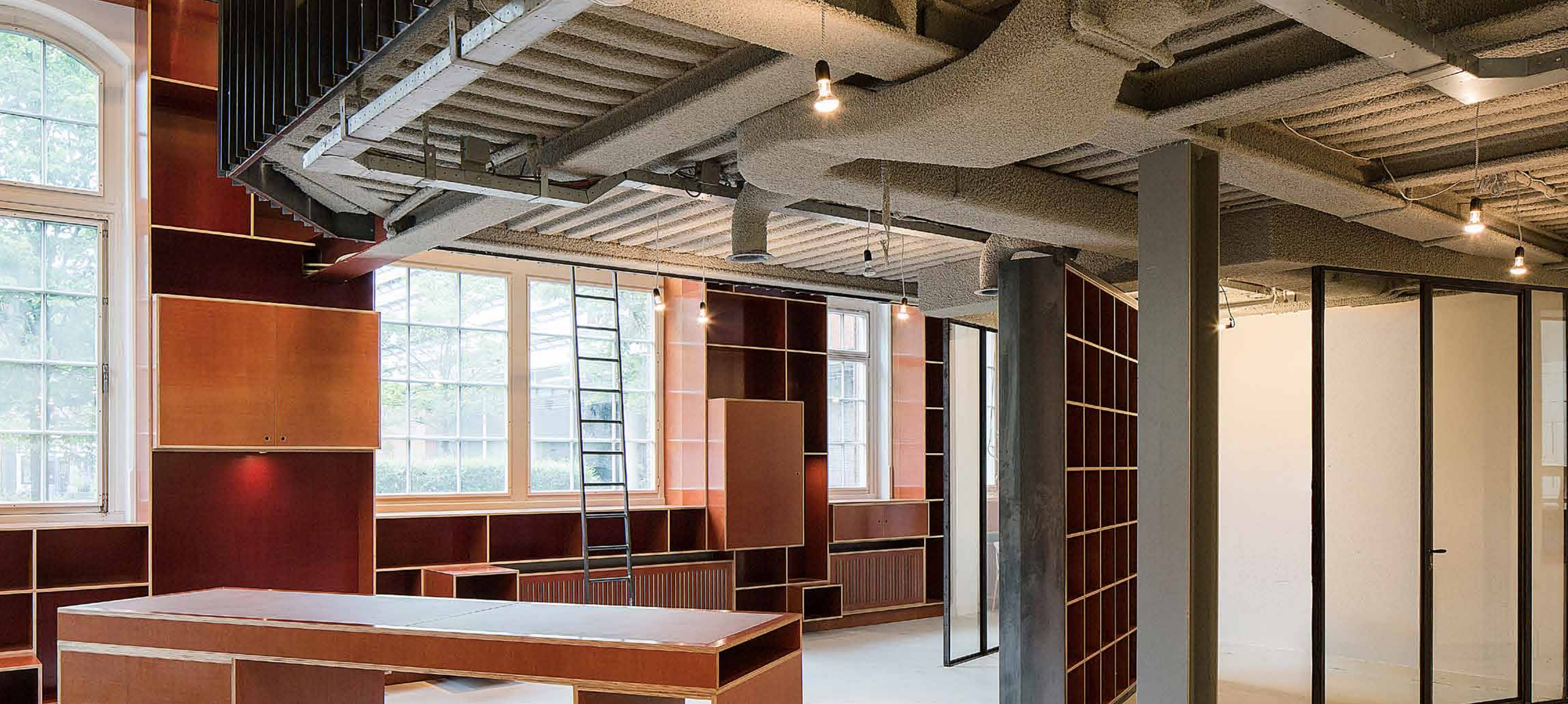
Where necessary, sound-absorbing cladding for walls and ceilings serves to minimise reflection. At the same time, the desired finish must harmonise seamlessly and without concession with the form and spatial character of the design.

page 13  
Acoplaster F

page 14-15  
Acospray DC2









# without craftsmanship, inspiration is a mere reed shaking in the wind

Johannes Brahms

We specialise in acoustics. We aim to set a new standard for seamless acoustic spraying and plasterwork that absorbs noise and reduces reverberation.

The acoustic products of Acosorb are available in a rich selection of colours, ranging from smooth to rough grained. Ideal for all under layers, maintenance friendly, energy efficient and easy to repair on site.

Acosorb is an autonomous producer and supplier. On this basis, we guarantee the envisaged result for every project. Our approach safeguards and supports quality and respect for people and planet. Our experienced supervisors and seasoned implementation managers take care of problem-free implementation.





# all fine architectural values are human values, else not valuable

Frank Lloyd Wright

In cooperation with architects, designers and subcontractors, Acosorb works towards optimising the acoustic climate in all sectors where it is important for people to feel welcome, to concentrate, establish contact and perform.

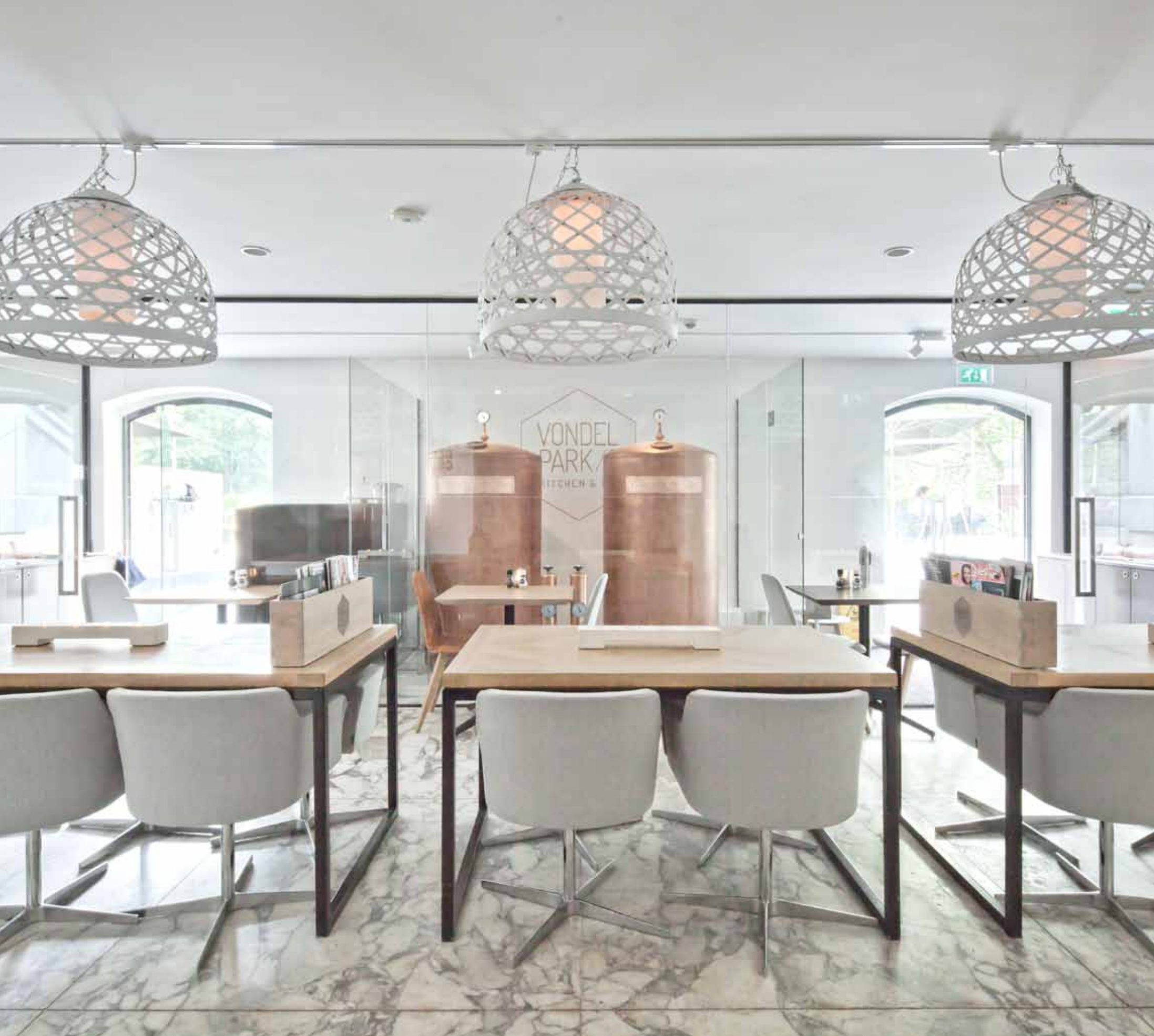
In so doing, Acosorb takes heed of considerations related to the environment, our customers and the people who work with our products: we work as efficiently as possible and are continually on the lookout for ways to achieve improvement. We uphold the highest possible standards related to product safety and the energy-saving qualities of our products.







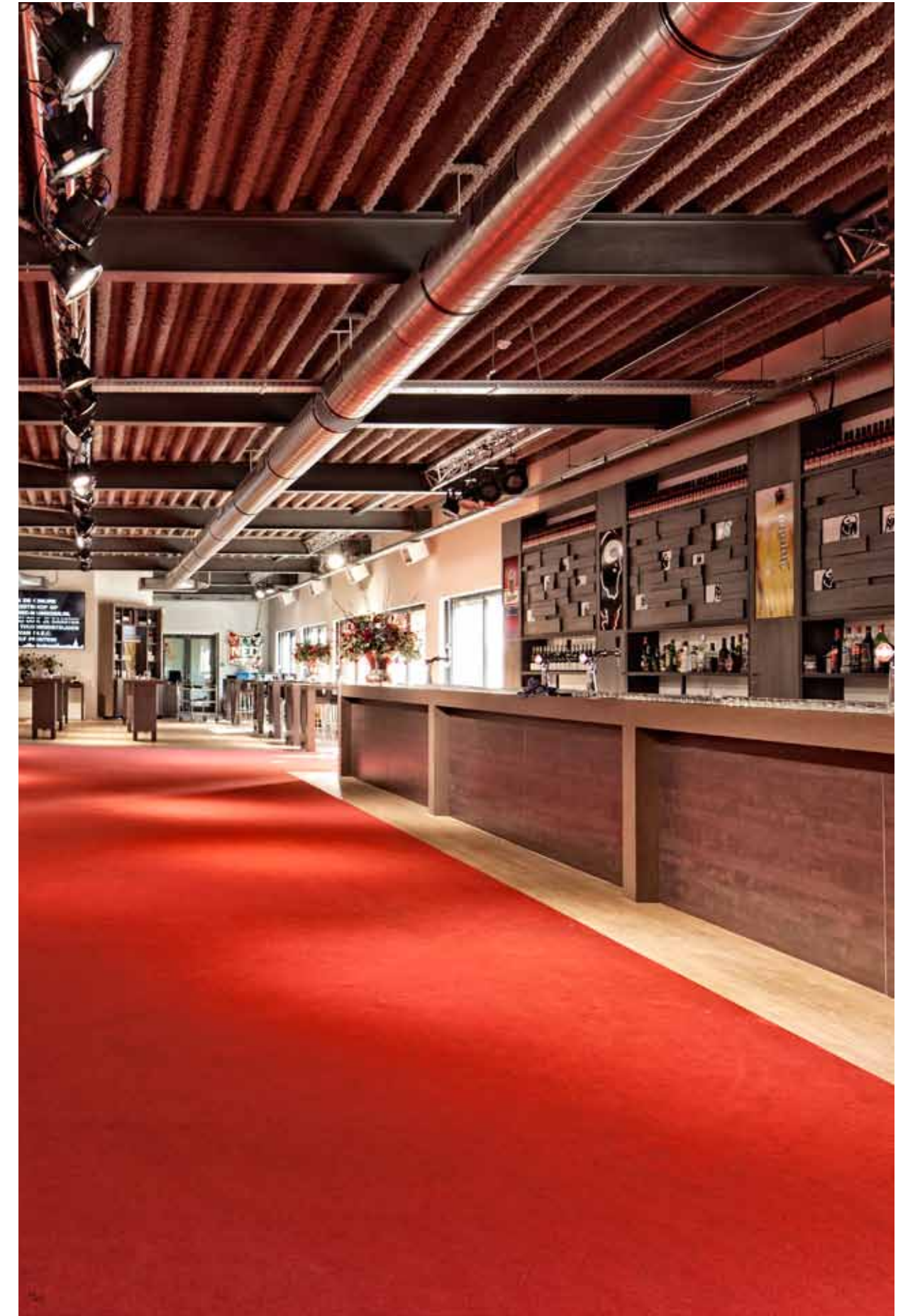






# The details are not the details. They make the design.

Charles Eames







# acosorb

## acoustical spray- and plasterwork

Acoustics is our craft. It is our passion to support our clients in creating the right design, function and atmosphere in every space of an establishment. Exceptional acoustics can contribute greatly to the sense of well-being and privacy. Acosorb guarantees the highest level of acoustic performance, without compromising aesthetic properties.

Our seamless acoustic spray plastering and stucco are available in a vast range of colours, with a finish varying from smooth to coarse-grained. We offer finer and more durable spray plasterwork than you might possibly acquire elsewhere. Suitable for application on any surface, low-maintenance and with energy-saving properties.

Our products comprise primarily recycled natural cellulose fibres. Acosorb also includes various additives, with a view to optimising both the life span and fire safety of the product. We operate in compliance with all the applicable legislation and regulations in the area of product safety. For example, we have reduced the use of borates to an absolute minimum to warrant the safety for our contractors and customers alike.

The absorbent and insulating properties of our acoustic spray plastering and stucco prevent the leakage of energy to other parts of the building. Savings of between 5% and 10% are no exception in this regard. Acosorb can contribute significantly to the energy performance of buildings and therefore to their certification in accordance with the BREEAM standards.

**Acosorb International BV**  
+31 20 717 3000  
info@acosorb.com





Acospray DC3



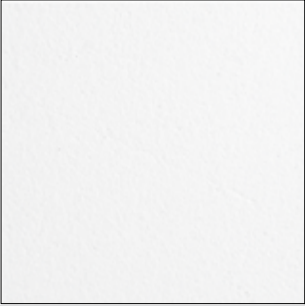
Acospray DC2



Acospray DC2 2.0



Acospray DC1



Acoplaster F

Type	DC3	DC2	DC2 2.0	DC1	F
Description	Middle fine spraying finish	Fine spraying finish	DC2 with trowel smoothing after spraying	Smoothened finish	Smooth finish
Acoustics	Class A (α <sub>w</sub> 1,00) at 35 mm	Class B (α <sub>w</sub> 0,85) at 42 mm	Class B (α <sub>w</sub> 0,85) at 42 mm	Class A (α <sub>w</sub> 1,00) at 35 mm	Class A (α <sub>w</sub> 1,00) at 32 mm
Fire performance	EN 13501-1:2007+A1: 2009 B-s1.d0	EN 13501-1:2007+A1: 2009 B-s1.d0	EN 13501-1:2007+A1: 2009 B-s1.d0	EN 13501-1:2007+A1: 2009 B-s1.d0	EN 13501-1:2007+A1: 2009 B-s1.d0
Build up	Spray only	Spray only	Spray then trowel	5mm layer on Acoboard	2mm layer applied to Acoboard
Installation	One coat	One coat	One coat then trowel	2 stage	3 stage
Smoothness	••	•••	••• ½	••••	•••••
Rapid installation	•••••	••••	••• ½	•••	•
Mounting on suspended gypsum	■	■	■	■	■
Direct to soffit	■	■	■	■	■
Curved surfaces	■	■	■	■	■
Colour match	■	■	■	■	■