



The colourful revolution of
sound management

Collection Valchromat®

The sound of colour.

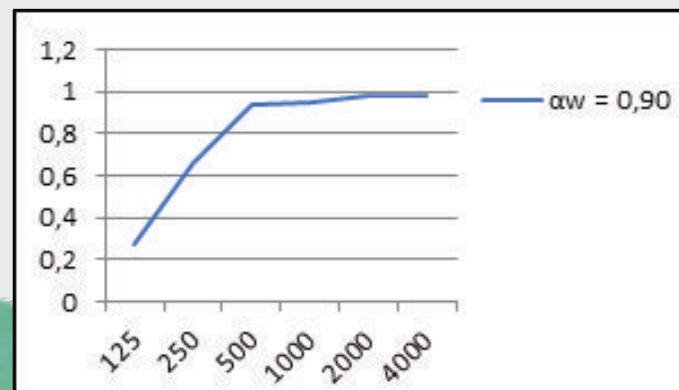
An acoustic feast for your eyes!

Tandem Acoustics® Collection Valchromat® combines lovely acoustics with unique surface designs.

Tandem Acoustics® are typically installed as wall panels, ceiling panels and furniture fronts. They can be integrated into public facilities as well as private spaces. The inspiring colours of the Tandem Acoustics® Collection Valchromat® open up new possibilities for creative minds.

Besides its large palette of solid colours, it features incredible acoustic technology neatly concealed behind an aesthetic facade. The Tandem Acoustics® Collection Valchromat® offers an audio-visual extravaganza for your indoor spaces.

Tandem Acoustics® – sound absorption technology for aesthetes



GLOBALLY UNIQUE.

Thanks to our dynan0® – technology, it is possible to insert microholes in MDF, coloured in the mass.

Tandem Acoustics®

Is fruit of a process that breaks the rules. The result is an optic and technical revolution, setting new trends in decorative indoor acoustics; in the same time opening a real new product segment. Tandem Acoustics® Collection Valchromat®.

The perfect marriage of aesthetics and function.

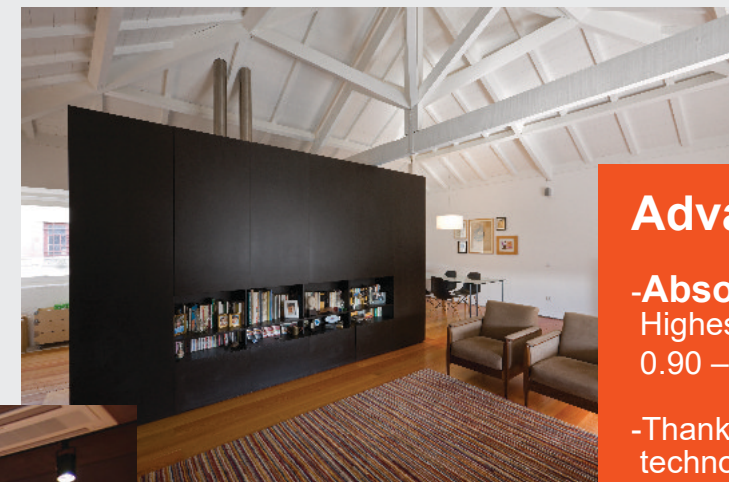
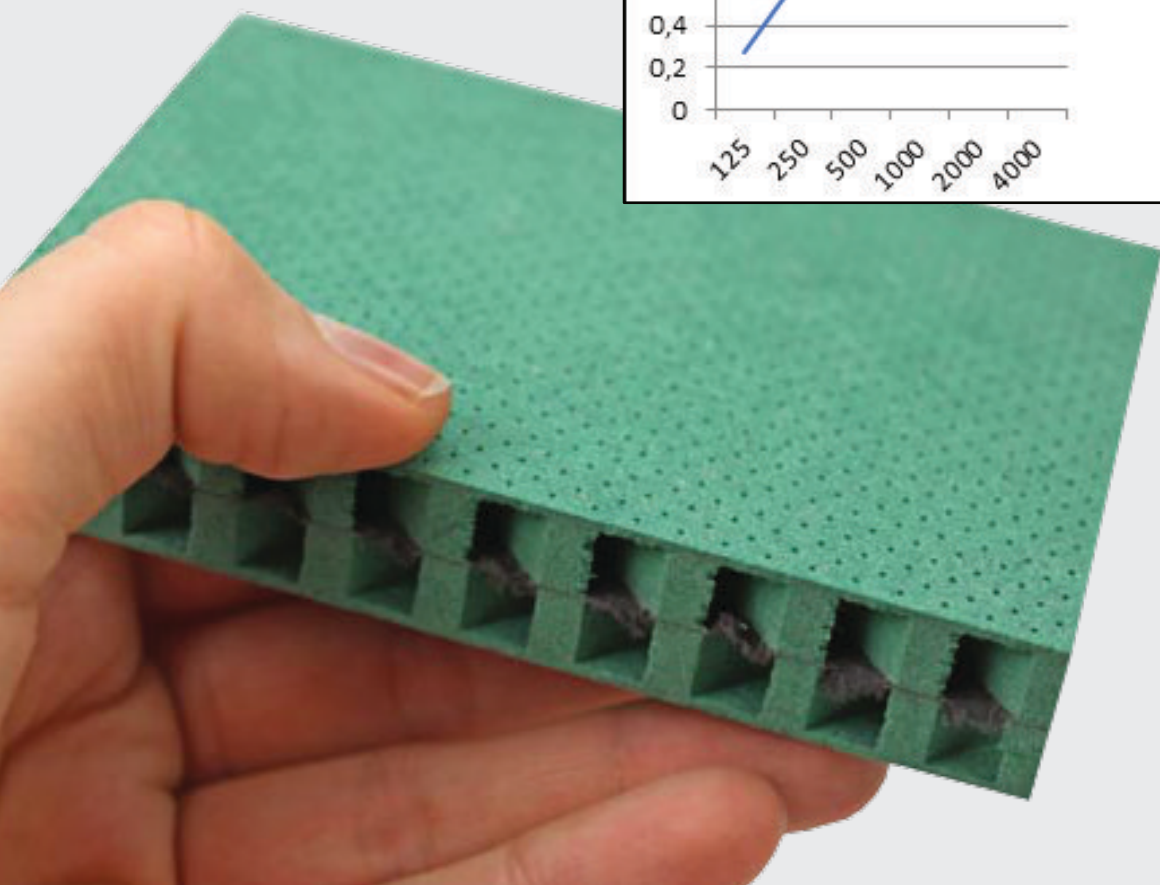
The Valchromat® MDF panels are exclusive to the last fibre: Sustainably grown wood from regional forests is soaked with organic dyes. Modern manufacturing processes create a new raw material of an outstanding quality.

Tandem Acoustics® turns them into decorative design elements. It meets the requirements of creative designers as well as sound professionals.

The aesthetic appeal of the Valchromat® MDF remains, while the Tandem Acoustics® Collection Valchromat® functions as a broadband absorber. The added value lies in the acoustic function, neatly concealed behind the aesthetics.

Advantages

- Absorption class A**
Highest sound absorption – α_w 0.90 – **TÜV certification**
- Thanks to the microfine dynan0® technology, all surfaces retain aesthetics
- The element size can be adapted to the installation area
- Exquisite organic colour pigments are extracted from natural raw materials
- Choice of 10 colours
- Lifelong colourfastness **guaranteed!**



References

Object: Campus Saint Julien France
Architect: Enia Architects
Photographer: Monsieur Hervé Abbadie



Object: Mercator Essen Germany
Architect: Madako Architekten
Photographer: Madako

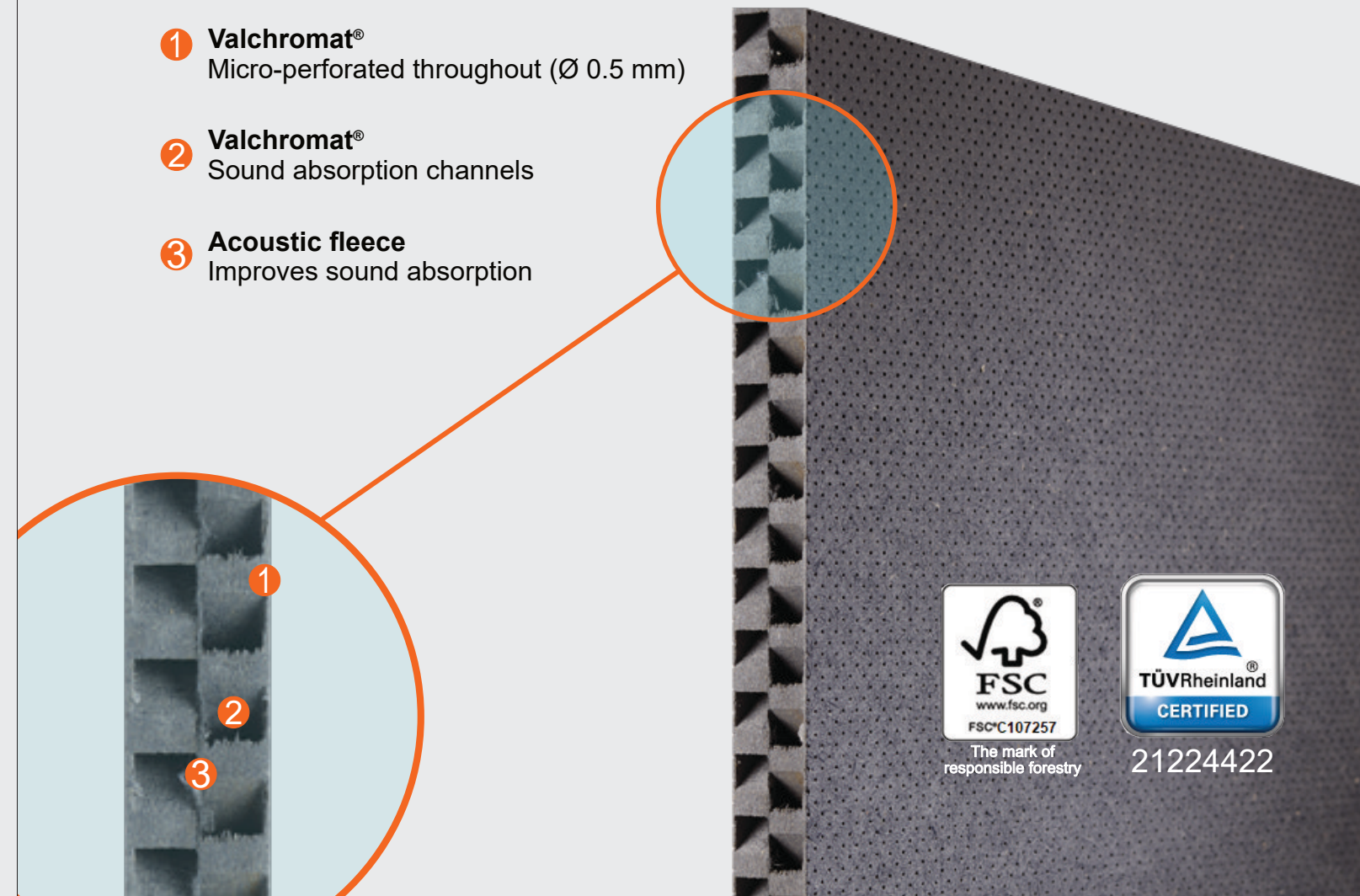


Technical specifications

Material	MDF, coloured in the mass
Hole width (w)	0,5 mm
Pitch of holes (t)	2,7 mm
Hole position (d)	diagonally staggered
Open area (Ao=%)	2,7%
Holes	137.174 pcs./m ²
Panel thickness	12, 15/16 mm
Standard format	2.440 x 1.220 mm

Customised formats are available upon request

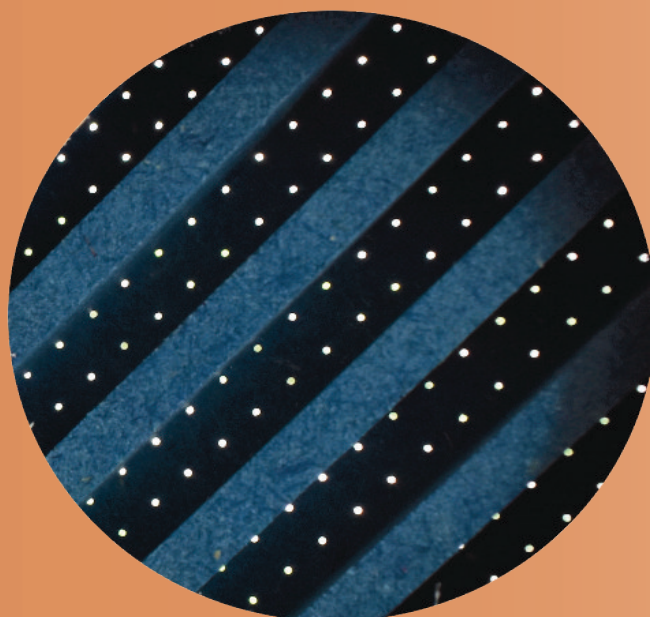
- 1 Valchromat®**
Micro-perforated throughout (Ø 0.5 mm)
- 2 Valchromat®**
Sound absorption channels
- 3 Acoustic fleece**
Improves sound absorption



More References on our Website www.tandem-acoustics.com



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materialPREIS2016
3. Auszeichnung Verfahren



The mark of
responsible forestry



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