



7 benefits of the Vescom acoustic wall system

acoustic – α_w 0.55

The wall system improves the acoustics in a room considerably. The system shortens the reverberation time, improves audibility and achieves an absorption level of α_w 0.55. Test report: www.vescom.com
Extremely suitable for an environment where hard materials are used.

architectonic and fills the wall

The created image is streamlined, stylish and timeless. The system will fill the wall and, therefore, becomes part of the architecture. Any unevenness on the wall will be camouflaged. It is perfect for combination with the other Vescom products: wallcovering, upholstery and curtain fabrics.

fire retardant

The acoustic wall system is fire safe and suitable for use in the contract market because fire-retardant foam is used as the basis and flame-retardancy products as the top layer. The system complies with the most stringent European standard for public buildings.

flexible

The wall system is suitable for use in both new builds and existing buildings. The cover strips can be easily removed. This means that the foam boards with top layer can be removed and, if required, replaced.



simple and fast application

Applying the Vescom acoustic wall system is easy. The application is fast and clean. It does not cause any pollution or inconvenience.

126 variants

For the top layer you can choose from all the colours from the Vescom qualities Meteor (36 colours), Samar (42 colours) and Lani (48 colours). No fewer than 126 finishes are possible!

customisation

Every dimensioning is possible and the wall system can be used in any room because of the flexibility of the different parts. It fits in seamlessly because of this with any contract environment.

new!
acoustic
wall system



improve the acoustics in a room

Much attention must be paid to acoustic comfort in contract environments. Sound is disruptive. Sound disrupts communication, reduces work performance and causes fatigue. Sound-absorbing interior products are required to improve the acoustics in rooms where much sound-reverberating products such as glass and concrete are used.

Vescom is now also introducing an acoustic wall system in addition to the transparent acoustic curtain fabrics. A functional, flexible and aesthetic solution for poor acoustics in a room. The system shortens the reverberation time and improves audibility. Because of the aesthetic character of the system it is suitable for use in various contract environments where a modern, streamlined architecture is required. Such as in offices, conference centres, reception rooms, schools, assisted living centres or hotel and catering establishments. The possibilities are very diverse. With the well-known quality and sustainability of Vescom.

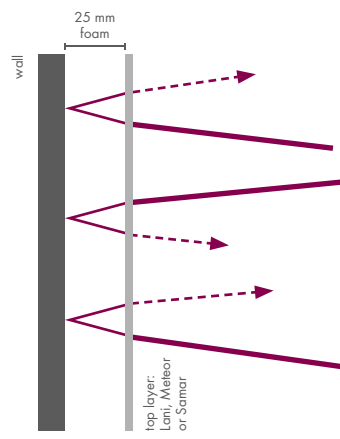


sound absorbent, architectonic and fire retardant

The acoustics within a room are improved considerably by using Vescom's acoustic wall system. The system achieves an absorption level of α_w 0.55. In addition, it is flame retardant and it can be finished in no fewer than 126 different colour variants! The created image of the acoustic wall system is streamlined, stylish and timeless. It fits in seamlessly because of this with any contract environment. The wall system mainly proves its strength in rooms in which many sound reverberating surfaces such as concrete and glass produce reverberation.

The foam layer that is fixed to the wall provides the acoustic effect. The sound will be absorbed in the foam boards with top layer and less sound will be reverberated because of this principle. Vescom's acoustic wall system reduces the reverberation time within a room and, therefore, the room becomes more pleasant to be in. The larger the surface covered by the acoustic wall system, the greater the reduction of the reverberation time.

effect of the acoustic wall system



Vescom's acoustic wall system consists of sound-absorbing, fire-retarding foam boards that are glued to the wall and are covered with aluminium profiles. The foam boards are finished with a top layer. Different Vescom qualities can be used for this finish. **Lani**: a tough felted wool quality (80% wool/20% polyamide) in modern colours, **Meteor**: a 100% Xorel (semi) unpatterned flat weave or **Samar**: a 100% Trevira CS chequered weave. You can choose from no fewer than 126 colours! Flame retardant, durable, high quality and effective.

The sound-absorbing, fire-retarding foam boards (with a thickness of 25 mm) have standard dimensions of 300 cm in height x 120 cm in width. Vescom's acoustic wall system fills the wall and should, by preference, be applied symmetrically.

composition

sound-absorbing, fire-retarding foam boards with top layer of your choice covered with aluminium profiles

foam board dimensions

**300 cm in height
120 cm in width
2,5 cm in thickness**

sound absorption – ISO 354

α_w 0.55

flame retardancy

foam boards
UL-94 HF1

top layer

meteor
SBI-Euroclass
B-s1-d0

samar

BS 5852, crib 5
DIN 4102-1, B1
NFP 92503, M1
EN 1021-1,2
UNI 9175, class 1 IM
IMO A.652 (16) part 8

lani

DIN 4102, B2
EN 1021-1,2
BS 5852, 0+1
NFP 92503, M2
BS 5852, crib 5
UNI 9175, class 1 IM

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