

Office

NEST of EMPA and EAWAG – Dübendorf

Création Baumann's curtains to improve a room's acoustics in future-proof working environments.



Starting Point

Within the scope of the "Meet2Create" project in the NEST of EMPA und EAWAG, scientists are working on the issue of how space and technology of future office environments can adapt to the continuous transformation of the workplace. With this project, they looked specifically for high-performance textiles contributing to an improved room experience and adding to the room design with a high level of flexibility.

Solution

In the innovation building, the ACOUSTIC DIVIDER VARIO with ALEX is used to spontaneously create acoustically shielded zones.

On the large window fronts, the semi-sheer BETACOUSTIC curtain fabric allows light to enter while ensuring good room acoustics.

Object

NEST of EMPA and EAWAG, Dübendorf, Switzerland

Concept

Meet2Create, Lucerne School of Engineering and Architecture, Horw, Switzerland

Photos

Weisswert, Switzerland



Textiles Used



ALEX

Article-Number: 0101210

Use: Upholstery fabric for contract use

Number of colors: 50

Material: 100% Flame retardant (Trevira CS)

Fabric width: 140 cm/55 inch/1.53 yard

Weight: 339 g/m²

Sound absorption: α_w 0.80

Abrasion resistance: 50'000 Martindale

Pilling: 4

Light fastness: 5-6



BETACOUSTIC

Article-Number: 0100755

Use: Transparent/semi-transparent curtain fabric

Number of colors: 8

Material: 100% Flame retardant (Trevira CS)

Fabric width: 300 cm/118 inch/3.28 yard

Weight: 125 g/m²

Sound absorption: α_w 0.65

Light fastness: 6-7