

Education/Culture

New Bachtal school building – Ennetbaden

Interior design with function: Textile solutions for acoustics, glare protection and spatial effect.



Starting Point

The challenge in the Bachtal school building was to find textile solutions that fulfil both functional and design requirements. The curtain fabric used had to make a targeted contribution to acoustic optimisation, provide effective privacy protection and at the same time blend in harmoniously with the colour concept of the room.

Solution

The curtain fabric UMBRIA was used as it fulfils the required sound absorption values and also offers reliable privacy protection. Chosen in a complementary colour to the existing interior design, the fabric also makes a visual statement – and gives the room structure and atmosphere.

The SHADOW MEDIUM glare and heat protection fabric was also used. The aluminium-metallised, semi-transparent fabric provides effective sun and glare protection and enables targeted light regulation – ideal for everyday school life and the requirements of public spaces.

[Acoustic fabrics by Création Baumann Textiles for glare and heat protection](#)

Object

New Bachtal school building, Ennetbaden, Switzerland

Concept

KUMMER/SCHIESS Architekten GmbH, Zurich, Switzerland kummer-schiess.ch | atelierKlikar (Mobiliar und Ausstattung)

Photos

Roland Bernath



Textiles Used



UMBRIA IV

Article-Number: 0004200

Use: Dense curtain fabric

Number of colors: 40

Material: 100% Flame retardant (Trevira CS)

Fabric width: 150 cm/59 inch/1.64 yard

Weight: 281 g/m²

Sound absorption: α_w 0.70

Abrasion resistance: 50'000 Martindale

Pilling: 4

Light fastness: see downloads



SHADOW MEDIUM II -285

Article-Number: 0102010

Use: Dense curtain fabric

Number of colors: 7

Material: 100% Flame retardant (Trevira CS)

Fabric width: 285 cm/112 inch/3.12 yard

Weight: 151 g/m²

Light fastness: 5