



Data Sheet

HOFA

Acoustic Curtain STUDIO 2



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The acoustic curtain STUDIO 2 was specifically designed to meet the highest demands in sound absorption.

Made from two layers of extra heavy fabric, the sound is absorbed very effectively down to the low-midrange frequencies, unlike normal curtains.

This special acoustic curtain is ideal, especially in control rooms and spaces with high sound levels, to significantly reduce the reverberation time.

The curtain can be mounted using eyelets or curtain tape on a suitable suspension system.

Dimensions and Weight:

Custom sizes are available upon request. The weight is approximately 0,6 kg/m².

Standard dimensions:

Acoustic curtain with eyelets: Width 200 cm x Height 220 cm; 2,64 kg

Acoustic curtain with curtain tape: Width 200 cm x Height 245 cm; 2,94 kg

Colors:



white, beige, red, bordeaux, blue, dark blue, light grey, dark grey, black

Color combinations are available upon request.

Material:



Two sound-absorbing layers of 100% cotton fabric

Mounting:

40 mm eyelets for mounting on a curtain rod or rail system



Curtain tape for installation on a rail system

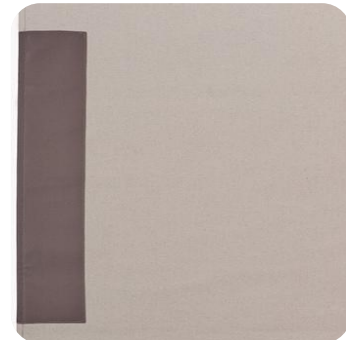
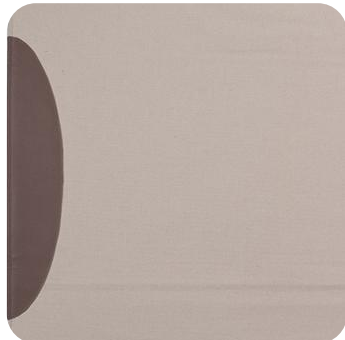


Add-ons:

Edge protection & handle strip made of artificial leather



Handle strip round & square made of artificial leather



DIM-Out layer for complete darkening

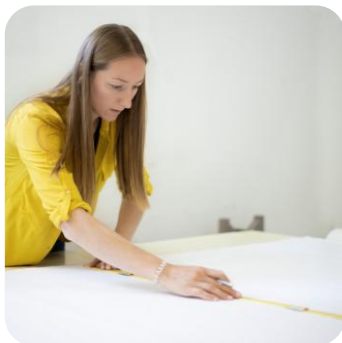


Storage loop with Velcro-style closure for compact storage



Production:

Made in our in-house tailoring department in Germany

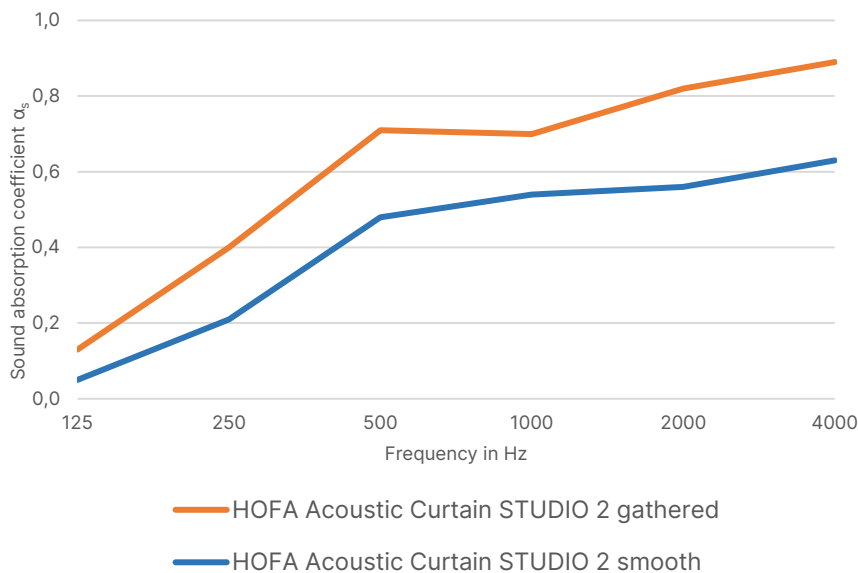


Fire Protection:

Flame-retardant according to DIN 4102 B1

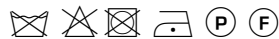
Sound Absorption α_s :

Currently, no standardized reverberation room measurement is available. The following diagram illustrates the expected absorption characteristics based on our calculations and internal measurements.



Calculation and scaling of sound absorption based on the STUDIO 3 curtain (measured according to ISO 354:2003)

Washability:



Cleaning may cause lint formation and may reduce or remove the flame-retardant treatment. If the curtain includes eyelets, note that these may not be compatible with certain cleaning agents and could be subject to corrosion.

Ensure adequate spacing between all layers during drying to enable proper ventilation and drying of the curtain.



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