

# SOUND ABSORPTION

Improve acoustics and reduce vibration

BFS25 Sound Absorption Material

Application: Soundabsorbing. Place behind textile print.

Density: 44lbs/yd

Thickness: 0.9 inch (25mm)

Absorption: Noise Reduction Coefficient = 0.45;  
 $\alpha_w = 0.45$  (absorption class D)



For use with:



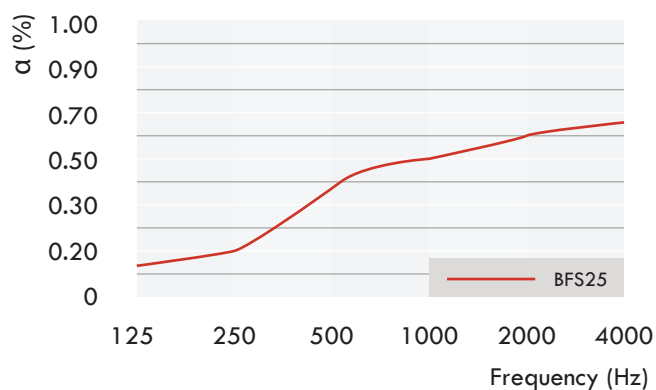
Sturdy 27



Single 25

Improve room acoustics by reducing ambient noise in any environment. BFF's sound absorption material is a perfect product upgrade, adding an additional benefit to any non-lit SEG frame installation.

- 3 Thicknesses
- Insulating polyester Fibers
- Fire Proof
- Environmentally Friendly



## SOUND ABSORPTION VALUES

D20/25 mm: Noise Reduction Coefficient = 0.45;  
 $\alpha_w = 0.45$  (absorption class D)

The absorption values are measured according to EN 354: 2003.



## COMPOSITION

BFF's Sound Absorption material is made of polyester fibers, 60% of which are derived from recycled PET bottles. Contains no harmful or toxic materials.



### RESISTANCE TO LIQUIDS

Resistant to cleaning agents, water, oil, fuels.

Not resistant to liquids with a pH value > 11, such as concrete water.

Moisture absorption  $U_m$  1.02 %  
 DIN 52620.



### RESISTANCE TO SUBSTANCES

Resistant to many chemical substances, moulds and pests.

Resistant to UV radiation.



### TEMPERATURE RESISTANCE

Therm acoustic is resistant to temperatures from -30° C to 120°C.

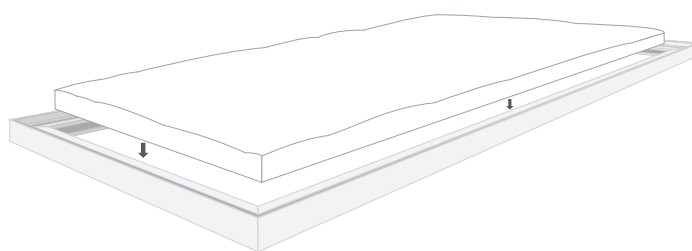


### FIRE CLASSIFICATION

EN 13501-1: 2002 fire class B,  
 smoke number S2, drip figure Do.  
 Report nr: 2006 – Efectis – R0690  
 DIN 4102 B1



Place the material in the frame.



Place the textile print in the frame. Start with the corners and press the silicone strip in the channel.

