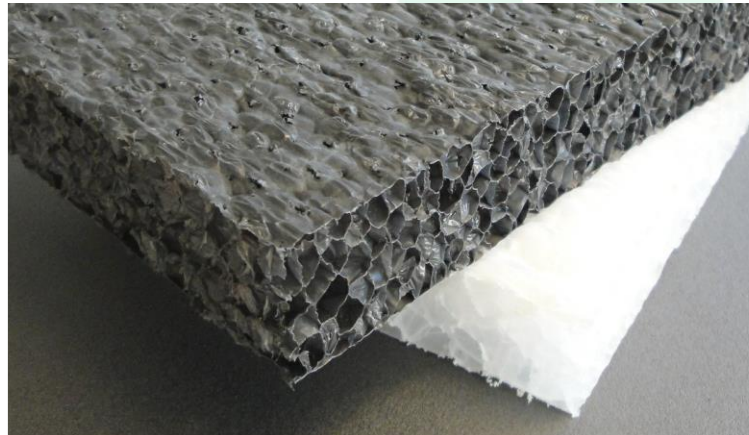


DATA SHEET: WHISPER FR

SOUND ABSORBING POLYETHYLENE FOAM



Whisper® is a closed cell polyethylene foam which has cells that are subsequently opened through the manufacturing process, resulting in a highly efficient sound absorbent material with many unique features, such as:

Water resistant

Provides unaltered and sustained performance in wet or humid conditions.

Best Sound absorption in the market

The new generation of Whisper has one of the very best absorption skills, on the market.

Low installation costs

Due to the light weight, and the structural independency “self standing” – it is very easy to make a material installation.

Effect of Humidity

The absorption ability of DOX acoustics Whisper is not significantly modified in a humid atmosphere.

Fire Reaction

The Whisper products meet all the typical required Fire Norms within: Transportation, Industrial vehicles, Marine, Trains, Appliances & Electronics, Building and Construction.

Whisper™ FR meets: (DIN 4102:B1, UL94 HF1, FMVSS 3021/ISO 3795, DIN 54837, EN 13501-1).

Self-Standing/Structurally Independent

Acoustic Absorption

Absorption peak is at lower frequencies than conventional material.

Fibre free

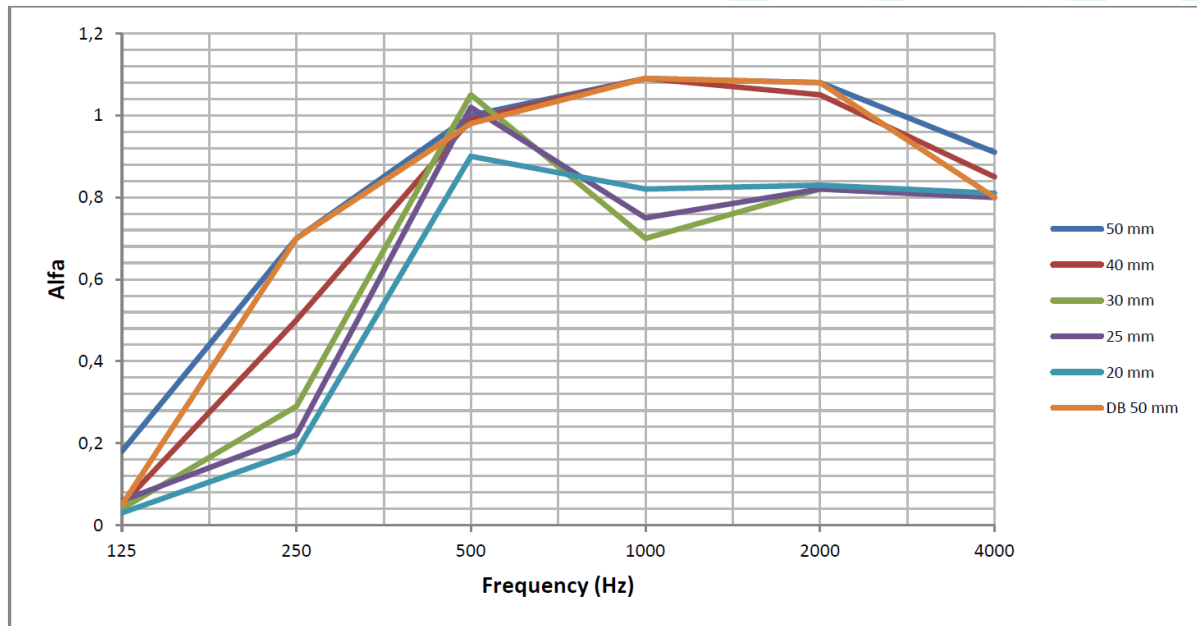
WHISPER® FOAM

Type	Size	Colour
Whisper® FR	20, 25, 40 and 50 x 1000 x 2400mm	White, grey and black
Whisper® FR-S1	25 and 30 x 1100 x 2400mm	Black for ventilation industry
Whisper® DB	20, 25, 40 and 50 x 1000 x 2400mm	Grey fulfill FMVSS 302

40 mm and 50 mm Whisper® foam is classified as High Absorbent – according to EN ISO 11654 – Class A

ABSORPTION

Whisper® FR 40mm and 50mm and Whisper® DBSound Absorption Test Results



Testing of Whisper® was done at Istituto Giordano, Bellaria in Italy. Testing was carried out under EN ISO 354:2003 Measurement of Sound Absorption in a reverberation room.