

TECHNICAL SPECIFICATIONS

Composition

- Thermally bonded nonwoven made from 100% PES staple fibres
- Fibre content from recycled PET bottles: approx. 60%
- Minimum sorption moisture around 1.02% according to DIN 52620
- Fungus resistance (DIN EN ISO 846:2019)
- Resistant to vermin infestation and house dust mites
- Skin friendly
- Recyclable
- Allergen-free
- Oeko-Tex Standard 100 certified
- No chemical additives

Thickness **40mm**

Surface mass **2,4kg/m²**

Classification of fire behaviour according to DIN EN 13501-1:2018 → B-s1, d0

Reverberation space and measurement method :

Measurement method : Noise off

Volume reverberation space : 391,6 m³

Temp. measurement empty : 21,6 °C

Rel. LF measurement empty : 55,0 %

Air pressure with specimen : 98,4 kPa

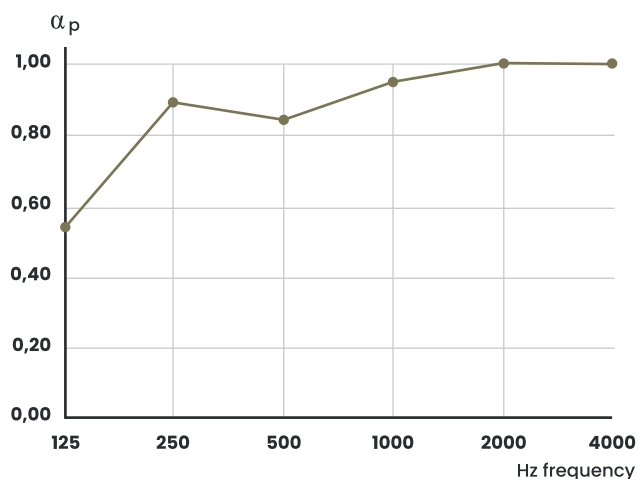
Room surface reverberation space : 322,2 m³

Temp. measurement with specimen : 21,5 °C

Rel. LF measurement with specimen : 47,8 %

Empty air pressure : 98,4 kPa

Measurement of the sound absorption coefficient according to DIN EN ISO 354:2003-12



α_w
0.95

Hz frequency	125	250	500	1000	2000	4000
α_p	0.55	0.90	0.85	0.95	1.00	1.00

