

### 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/m<sup>2</sup>**

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 m<sup>3</sup>

**Temp. measurement empty** : 21,6 °C

**Rel. LF measurement empty** : 55,0 %

**Air pressure with specimen** : 98,4 kPa

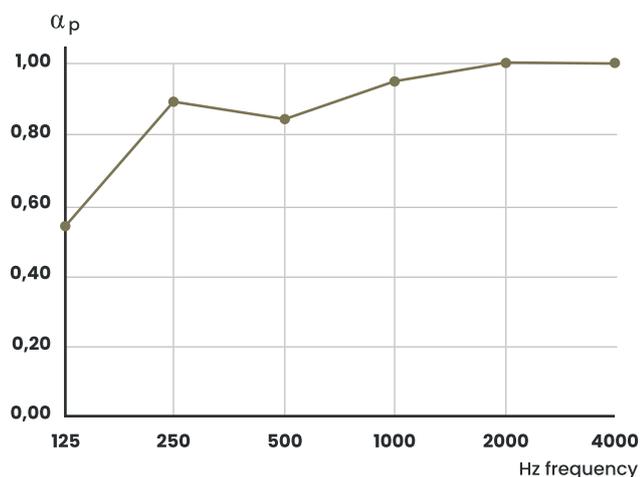
**Room surface reverberation space** : 322,2 m<sup>3</sup>

**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



$\alpha_w$
0.95

Hz frequency	125	250	500	1000	2000	4000
$\alpha_p$	0.55	0.90	0.85	0.95	1.00	1.00

