

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

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 m²
- **Temp. measurement with specimen** : 21,5 °C
- **Rel. LF measurement with specimen** : 47,8 %
- **Empty air pressure** : 98,4 kPa

Thickness **20mm**

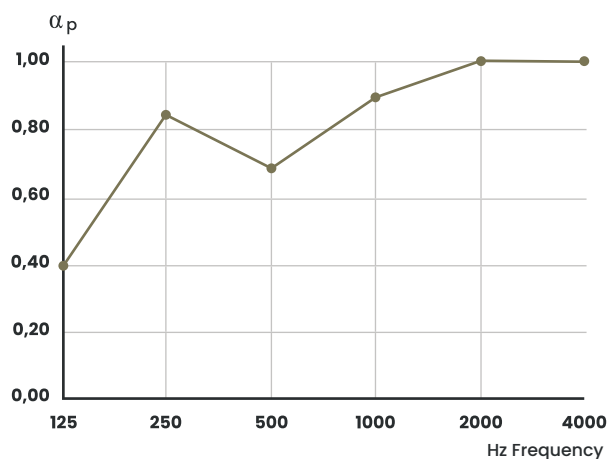
Surface mass **2,4kg/m²**

Peripheral finish **Aluminum - 40-year warranty on material and color**



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

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



Hz Frequency	125	250	500	1000	2000	4000
α_p	0,40	0,85	0,69	0,89	1,00	1,00

α_w
0.85

