

# Texfel® Acoustics

Our high-density acoustic panel made of 60% post-consumer recycled PET.

The new generation of high-performance acoustical & tackable material.

It is a soft yet strong and durable material.



## TECHNICAL INFORMATION



Composition  
100% PET



Thickness  
9 mm



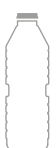
Format:  
2440 mm x 1220 mm



Density  
289 kg/m<sup>3</sup>



Weight  
2,60 kg/m<sup>2</sup> (7,73 kg)



Made with 60% of recycled PET of which comes from recycled water bottles which contribute to LEED MR credit of Recycled content. Total of 41 bottles.



Flame Retardancy  
EN 13501-1+A1: B-s2, d0

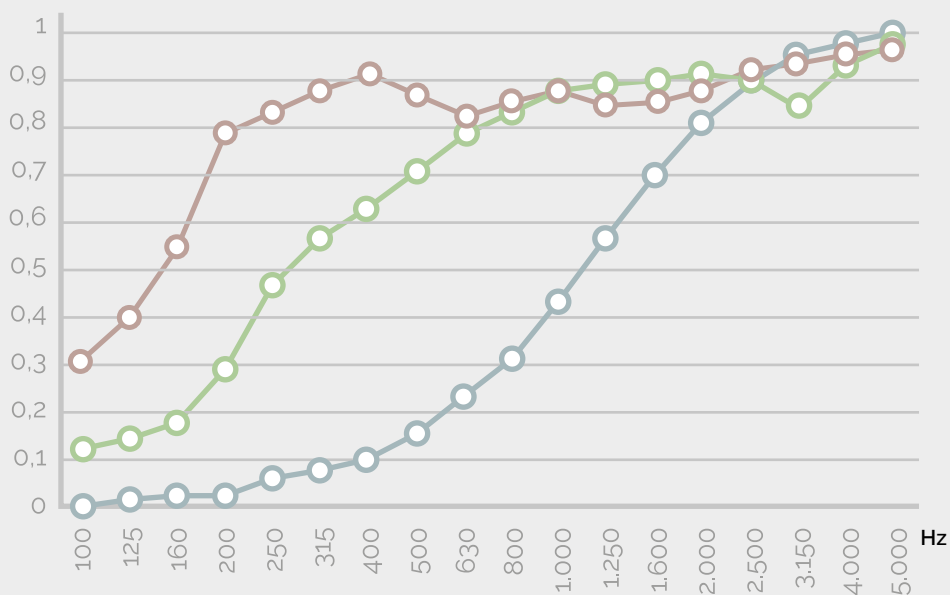


Sound absorption  
UNE-EN ISO 354 - W = 0,90 (H)\*  
Acoustic class A

## — SOUND ABSORPTION: UNE-EN ISO 354 —

TEXFEL® ACOUSTICS achieves sound absorption values from  $\alpha_w$  0.25 to 0.90

Sound absorption coefficient,  $\alpha_s$



Test with 50 mm plenum with  
Stone wool

$\alpha_w = 0,90$  (H)  
Acoustic class A

○ Abs. Coeff.    — Ref. shifted

Test with 50 mm plenum

$\alpha_w = 0,70$  (H)  
Acoustic class C

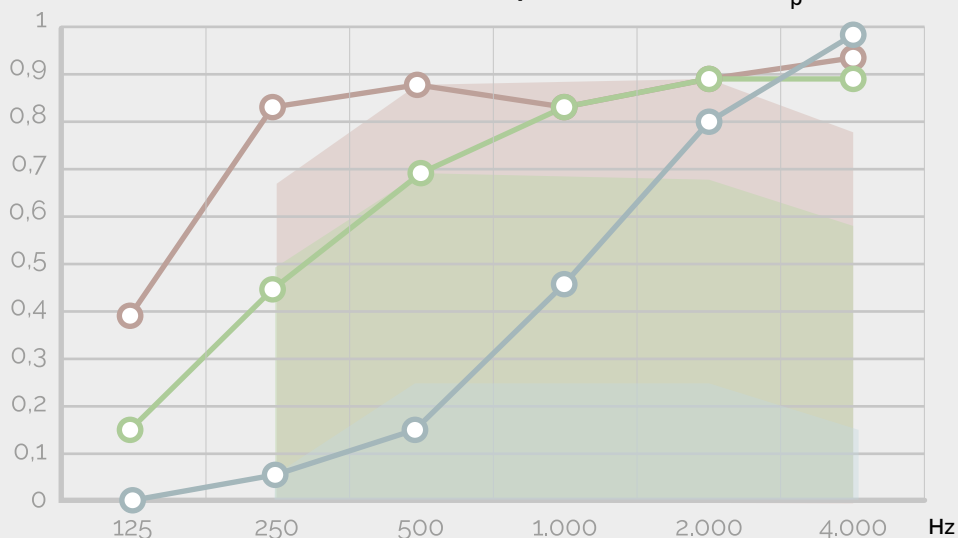
○ Abs. Coeff.    — Ref. shifted

Test with 0 mm plenum

$\alpha_w = 0,25$  (H)  
Acoustic class E

○ Abs. Coeff.    — Ref. shifted

Practical sound absorption coefficient,  $\alpha_p$



\*Test with 50 mm plenum with stone wool