

## TECHNICAL DETAILS

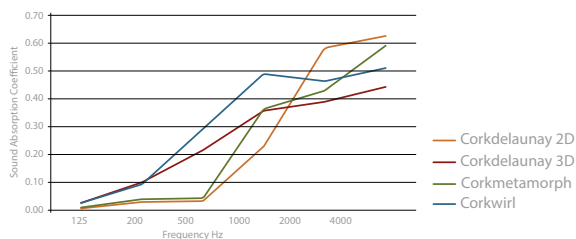
Made in Portugal  
100% natural, ecological, 100% recyclable  
95% energy self-sufficient production  
Hypoallergenic properties  
Water and weather-resistant  
Preservation and respect for trees  
Misuse can cause product deterioration  
Digital fabrication - CNC milling machine  
Cork color changes with exposure to sunlight (UV)  
Cork's scent is natural and non-toxic, it disappears with time.

## THERMAL INSULATION DETAILS

Thermal conductivity coefficient\_ 0,40 W/mK  
Values of Thermal Insulation (R e  $\text{m}^2 \text{K/W}$  and K in  $\text{W/m}^2\text{K}$ ) 50mm  
R = 1.250 ; W = 0.800  
Density\_ 140 Kgs /  $\text{m}^3$   
Fire Class\_E

## SOUND ABSORPTION DETAILS

This graph shows the absorption coefficient of our cork panels with different thickness, at any given audio frequency.  
Our products reduce sound reflections, making it a great sound absorber. A perfect solution for residential buildings, restaurants, hotels and offices.  
Results in accordance with ISO 11654:1997  
 $\alpha_w = 0.45$



## INDOOR AIR EMISSIONS

