
Corkoco

Natural materials for technical solutions

Description

CORKOCO is a solution that uses two natural products with unique characteristics, cork and coconut, ensuring high performance in acoustic insulation. It is especially suitable for application in ceilings, walls and floors.

Advantages

- Excellent thermal and acoustic system performance
- Excellent mechanical strength
- High durability without loss of features
- Healthier natural product
- Comfort with healthy insulation
- Allows energy savings
- Long term effectiveness

Product lines

- Corkoco 2A + 1C | cork 10 /coco 20 / cork 10:
1.000 x 500 x 40 mm
- Corkoco 2C+ 1A | coco 10 /cork 20 / coco 10:
1.000 x 500 x 40 mm
- Corkoco 1+1 | cork 20 /coco 20:
1.000 x 500 x 40 mm

Product specifications

- Density: 100-140 kg/m³
- Thermal Conductivity: 0,044 W/m.K



Acoustic Characterization

Test	Constructive System	Result
Airborne noise transmission, R_w [dB]	Massive slab 140mm + airbox 350mm + corkoco 1+1 (40mm) + false ceiling (plasterboard) 13mm	58 dB
	Single wall with brick 11cm + plaster on both sides + Corkoco 1+1 (40mm) + plasterboard 13mm	55 dB
	Double wall with brick 15+11cm +plaster on both sides + airbox with Corkoco 1+1 (40mm)	53 dB
Impact noise insulation, ΔL_w [dB]	Floating Slab 50mm + CKC 1+1 40mm (underside of coconut)	28 dB
	Floating Slab 70mm + CKC 1+1 40mm (underside of coconut)	27 dB
	Floating Slab 70mm + CKC 1+1 40mm (upper face of coconut)	29 dB

Application systems: Interior partitions



Application systems: Acoustic false ceiling



Amorim Cork Insulation

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