
COCO

Natural materials for technical solutions

Description

COCO is a natural solution of the hard fibres, with unmatched stiffness and hardness. It is a versatile product given its strength durability and resilience that ensures high performance in acoustic insulation.

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

- Coco Strips: 1250 x 60/80/100/120 mm x [10:13mm]
- Coco Boards: 1250 x 625mm x [variable thickness]
- Coco Reels: 10.000 x 1000mm x [variable thickness]
- Others: Upon request

Product specifications

- Density: 100-140 kg/m³
- Thermal Conductivity: 0,045 W/m.K



AMORIM CORK INSULATION

Acoustic Characterization

Test	Constructive System	Result
Impact noise insulation, ΔL_w [dB]	Slab 140mm + Board/ Coco Reel 10mm + Floating slab (screed) 50mm	28dB
	Slab 140mm + Coco Reel 10mm + Floating slab (screed) 70mm	32dB
	Slab 140mm + Coco Reel 15mm + Floating slab (screed) 50mm	29dB
	Slab 140mm + Coco Board 20mm + Floating slab (screed) 50mm	29dB
	Slab 140mm + Coco Board 20mm + Floating slab (screed) 70mm	31dB

Application systems: Floating slab



Application systems: Resilience on nailed hardwood floor over coconut fiber



Amorim Cork Insulation

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