

Barnacork

NATURAL MATERIALS

FOR TECHNICAL SOLUTIONS

COCO



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

Test	Result
Density	100-160 kg/m ³
Thermal Conductivity	0,043 to 0,045 W/m°C

ACOUSTIC CHARACTERIZATION

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

APPLICATION SYSTEMS

> **FLOATING SLAB**



> **RESILIENCE ON NAILED HARDWOOD FLOOR OVER COCONUT FIBER**

