COCO
FLOATING SLAB WITH
COCO FIBER

ADVANTAGES

1. Excellent thermo-acoustic system performance
2. Excellent mechanical strength
3. Excellent system inertia
4. Dimensional stability of the material
5. High durability without loss of features
6. Healthier natural product
7. Comfort with healthy insulation
8. Excellent breathability capacity
9. Allows energy savings
10. Long term effectiveness
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SOLUTION DESCRIPTION
Thermal and acoustic percussion noise insulation with Coco fiber acting simultaneously as insulation against percussion noises and reducing thermal losses.

TECHNICAL FEATURES
Insulation against percussion noises:

a) Slab 140mm,
   Board/ Coco Reel 10mm,
   Floating slab (screed) 50mm: $\Delta L_w = 28$ dB.

b) Slab 140mm,
   Coco Reel 10mm,
   Floating slab (screed) 70mm: $\Delta L_w = 32$ dB.

c) Slab 140mm,
   Coco Reel 15mm,
   Floating slab (screed) 50mm: $\Delta L_w = 29$ dB.

d) Slab 140mm,
   Coco Board 20mm,
   Floating slab (screed) 50mm: $\Delta L_w = 29$ dB.

e) Slab 140mm,
   Coco Board 20mm,
   Floating slab (screed) 70mm: $\Delta L_w = 31$ dB.

Density: 100 to 140 kg/m³
Thermal conductivity: $\lambda = 0.043$ a 0.045 W/m°C

ENVIRONMENTAL FEATURES
- RECOVERY AND UTILIZATION OF WASTE COCONUT SHELL
- ODORLESS
- ROT RESISTANT
- MOLD RESISTANT

PRODUCT DIMENSIONS
Coco boards: 1250 x 625mm x [variable thickness]
Reels: 10.000 x 1000mm x [variable thickness]
Other: Upon Request

RECOMMENDATIONS FOR APPLICATION
Apply Coco fiber over the slab for later placement of the screed and final flooring.