

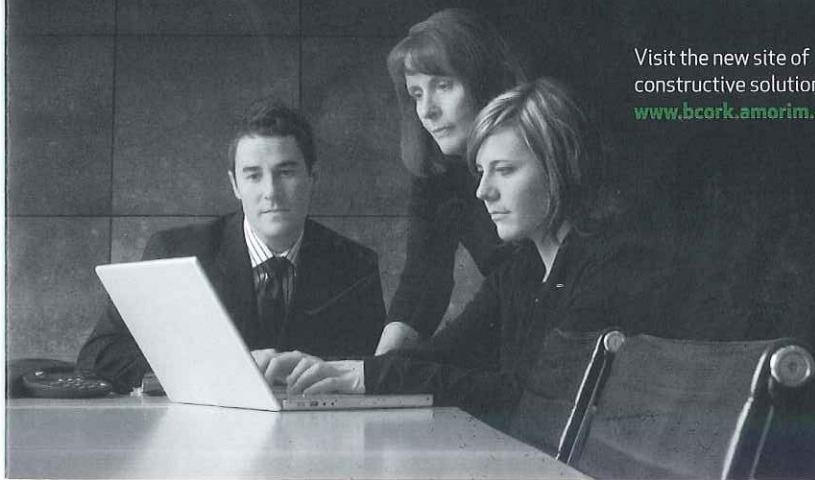


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IMPACT NOISE REDUCTION:



COCONUT ROLLS (S15)

- > Light concrete.
- > Coconut 15 mm.
- > Concrete slab of 140 mm thick.



$\Delta L_w = 29 \text{ dB}$ ITECONS

EXPANDED INSULATION CORKBOARD (20mm)

- > Light concrete.
- > Exp. Corkboard 20 mm thick.
- > Concrete slab 140 mm thick.



$\Delta L_w = 19 \text{ dB}$ LNEC/LEAC

ABSORPTION / ACOUSTICAL CORRECTION

Expanded Insulation Corkboard when used as revetment of walls or ceiling, allow reduction of reverberation without not desired undesirable acoustic resonance.



INSULATION OF AERIAL NOISE



Rw = 53 dB ITECONS

DOUBLE WALL

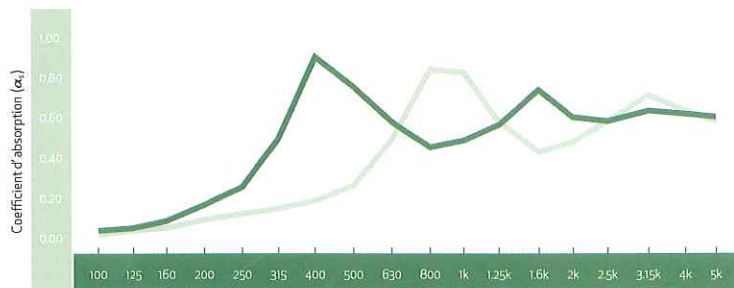
- > Double brick wall of 11 cm + 15 cm.
- > Plaster on both wall faces.
- > Air space of 50 mm and partially filled With insulation corkboard of 40 mm thick.



Rw = 58 dB FEUP

SUSPENDED CEILING/WALL

- > Solid concrete slab of 140 mm thick.
- > Suspended ceiling with gypsum carton of 13 mm thick and Corkoco 1+1 (40 mm) with air space of approximately 350 mm.





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