

## NATURAL ACOUSTIC INSULATION

Rootman was born from the discovery of the Radicular Mattress (CR®), 100% natural material, manufactured on the basis of roots, without genetic modifications. It is a Chilean technology, internationally patented, that gives origin to the acoustic insulating material: **SOUNDROOT**

Sole sustainable material with sound absorption capacity, thermal insulation, and fire resistance (All In One)

### SOUNDROOT

- ✓ Material based on CR® density (120-140 Kg / m3)
- ✓ Packaging in black recycled TNT fabric
- ✓ Dimensions of 50 x 50 cm and thickness in 5 cm



Only sustainable and environmentally friendly material, 100% natural that meets all the requirements for insulation, safety and comfort



Sound absorption, thermal insulation, and fire resistance,  
**ALL IN ONE**

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### GENERAL INFORMATION

- ✓ Flexible panels 50 x 50 cm x 5 cm thick
- ✓ High sound absorption capacity
- ✓ High thermal insulation capacity
- ✓ Resistance to fire and self-extinguishing
- ✓ 100% biodegradable material.
- ✓ Low ecological footprint
- ✓ Suitable for high acoustic performance requirements:
  - ✓ Control rooms,
  - ✓ Transmission studies,
  - ✓ Concert halls for a wide variety of instruments and voices,
  - ✓ Rehearsal rooms
  - ✓ Other interpretation spaces

### TECHNICAL INFORMATION

- ✓ Sound absorption coefficient,  $\alpha$  máx. = 0,63 (2000 Hz)
- ✓ Noise reduction rate,  $R_w$  (dB)  $\geq$  24 dB,  $R_w$  (dB)  $\geq$  24 dB

**Technical area:** Rodrigo Cancino, PhD  
R&D Manager  
[rcancino@rootman.com](mailto:rcancino@rootman.com)  
+569 9320 7891

**Commercial Area:** [contacto@rootman.com](mailto:contacto@rootman.com)  
[jcbeaumont@rootman.com](mailto:jcbeaumont@rootman.com)  
+569 9899 4615

