

Applications:

- Cinemas
- Convention Centers
- Gyms and Fitness Centers
- Mechanical Equipment Rooms
- Performing Arts Centers
- Recording Studios
- Any area where reduction of sound and vibration is desired

The **REGUPOL soundpanel** is a panelized freefloating subfloor system designed to absorb airborne sound and structure-borne vibration. **REGUPOL** soundpanel can be used in combination with a floating concrete topping, hardwood, tile, and vinyl flooring.

Materials

Each factory assembled **soundpanel** consists of a high quality OSB panel, fiberglass batting, and nine **REGUPOL soundpad** rubber bearings. **REGUPOL** America – the leader in acoustic and vibration control; brings sustainable, engineered, technology-driven products to your next construction project.

Product Selection

Select the **soundpanel** type by using the table below. When deciding on a type, you should consider the static load (dead load) and dynamic load (live load).

REGUPOL SOUNDPANEL SPEC'S

Standard Dimensions:	4' x 4', 16 sqft (1.22m x 1.22m, 1.486 sqm)
Air Gap:	2" (50mm)
Total Thickness:	2-5/8" (67mm – 19/32" OSB, 1" fiberglass batt for increased airborne, 2" REGUPOL soundpad)
Floor Load	Floor load
x4	0 – 0.95 psi
x9	0.95 – 5.87 psi

Please contact us for detailed testing information and product data.

acoustics@regupol.com www.regupol.com/acoustics



Quality of life thanks
to REGUPOL impact
sound insulation

ACOUSTICS / REGUPOL® SOUNDPANEL

Floor Covering	Floor Assembly	IIC / STC / ΔIIC
Laminate Flooring (1/4")	6" slab, sonus core 2	IIC 53 ΔIIC 24
Concrete Topping (4")	soundpanel x4 , 5-1/2" Concrete Slab	IIC 72 STC 71 ΔIIC 43
None	6" Concrete Slab	IIC 24 STC 50
None	soundpanel x4 , 6" Concrete Slab	IIC 58 STC 62 ΔIIC 22
Luxury Vinyl Tile	soundpanel x4 , 6" Concrete Slab, sonus eco 3	IIC 61 STC 62
Hardwood	soundpanel x4 , 6" Concrete Slab, sonus core 3	IIC 62 STC 62
Ceramic Tile	soundpanel x4 , 6" Concrete Slab, sonus core 5	IIC 63 STC 62
aktivlok (9mm)	soundpanel x4 , 6" Concrete Slab	IIC 62 STC 62 ΔIIC 26
aktivpro (1" tile)	soundpanel x4 , 6" Concrete Slab	STC 65 IIC 62 ΔIIC 28
akustipro ml70 (70mm)	soundpanel x4 , 6" Concrete Slab	STC 76 IIC 62 ΔIIC 41

***additional acoustic tests available at regupol.com/acoustics or call us 717 675 2190**

ACCESSORIES

REGUPOL ISO-Strips

REGUPOL ISO-Strips can be installed on perimeter walls or under wall partitions to reduce noise transmission.

Dimensions:

Thickness: 1/4" (6mm), Length: 5' (1,524mm), Widths: 4", 6", 8" (102mm, 152mm, 203mm)

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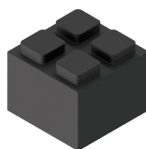
Our tip:

Ask us about the system components – such as adhesives and primers – suitable for each individual **REGUPOL** product. Our experts are glad to support you.

REGUPOL soundpanel



REGUPOL soundpad 4



REGUPOL soundpad 9



REGUPOL iso-strip

