

### Applications:

- Apartments
- Condominiums
- College dormitories
- Classrooms
- Hospitals
- Office buildings
- Any area where noise reduction is desired.

**REGUPOL sonus core** is a high performance acoustical underlayment designed to reduce the transmission of noise created by people walking. **Sonus core** can be installed under ceramic tile & stone, carpet & carpet tile, and hardwood flooring.

### Materials

**REGUPOL sonus** underlayment's are made from recycled car and truck tires and are GreenCircle certified for recycled content and can qualify for up to 8 LEED points. **REGUPOL** is the preferred choice for noise control applications and sustainable design.

## REGUPOL SONUS CORE 5 – 5MM UNDERLAYMENT SPEC'S

Standard Dimensions:	Rolls: 4' x 25' – 100 sqft / roll	Sheets: 30" x 48"
Weight:	0.81 lbs / sqft	

## PRODUCT PERFORMANCE

Density:	ASTM D-792	49 lb / cuft (+/- 4 lb)
Hardness:	A Shore Durometer	40 – 55
Uses:	Installation under carpet, tile, stone, hardwood, and laminate flooring.	

Please contact us for detailed testing information and product data.

[acoustics@regupol.com](mailto:acoustics@regupol.com) [www.regupol.com/acoustics](http://www.regupol.com/acoustics)



## ACOUSTICS / REGUPOL® SONUS CORE 5 (FORMERLY HS500)

Floor Covering	Floor-Ceiling Assembly	IIC / STC / ΔIIC
Floated Engineered Hardwood	6" slab, <b>sonus core 5</b> 8" slab, <b>sonus core 5</b>	IIC 55 / ΔIIC 25 IIC 56
Glued down Engineered Hardwood	6" slab with ceiling below, <b>sonus core 5</b> 8" slab with ceiling below, <b>sonus core 5</b>	IIC 71 IIC 70
Ceramic Tile (7mm)	2 x 10 wood frame, insulation, resilient channel, GWB, 1" gypsum topping, <b>sonus core 5</b> 6" slab with ceiling below, <b>Sonus core 5</b> 6" slab, <b>sonus core 5</b> 8" slab with ceiling below, <b>sonus core 5</b> 8" slab, <b>sonus core 5</b>	IIC 53 / STC 59 IIC 62 / STC 63 IIC 50 / STC 54 / ΔIIC 20 IIC 64 / STC 63 IIC 52 / STC 53
Marble (3/4")	8" slab, <b>sonus core 5</b>	*FIIC 53

**\*additional acoustic tests available at [regupol.com/acoustics](http://regupol.com/acoustics) or call us 717 675 2190**

## ACCESSORIES

<b>REGUPOL 40-205</b> (formerly WoodBond)	<b>REGUPOL 40-205</b> is a one component polyurethane adhesive ideal for bonding <b>sonus core</b> underlayment for engineered hardwood.
4 gal pail	See product data sheet for coverage estimation
<b>REGUPOL 45-101</b> (formerly TruBond)	<b>REGUPOL 45-101</b> is a component latex adhesive ideal for bonding <b>sonus core</b> to the subfloor. Note: <b>REGUPOL 45-101</b> is only to be used to adhere the <b>sonus core</b> for ceramic tile installations.
4 gal pail	400-650 sqft of coverage based upon subfloor
<b>REGUPOL ISO-Strips</b>	<b>REGUPOL ISO-Strips</b> 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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REGUPOL sonus core



REGUPOL 40-205



REGUPOL 45-101



REGUPOL iso-strip

