

20612 84th Ave. S,
 Kent, WA 98032 U.S.A.
 Tel: 253-872-5503, 206-501-2231,
 Toll Free: 1-888-988-2675,
 1-877-998-1198,
 Fax: 1-866-373-6520
 E-mail: info@icorkfloor.com
www.iCorkFloor.com

Sound Ratings: Forna Cork Underlayment

Description	Natural cork underlayment available in sheets of various sizes and thicknesses
Sheet Size	960 x 640mm /915 x 610mm
Thickness	0.8-95mm (Sheet) /1-6mm
Density	190kg/m3 – 210kg/m3 (11.7lb/ft3 – 12.5lb/ft3)
Binder	Resin of polyurethane
Base	Composition of cork granules size 1-3
Tensile Strength	5-8kg/m2
Recovery	75%
Flexibility	ASTM F5: Pass
Floataction	None after 3 hours immersion in boiling water
Thermal Insulation	0.042kcal/m3h0C
<u>Acoustical Rating:</u>	Installed flooring using Forna 6mm Underlay

STC=Sound Transmission Class (dB)

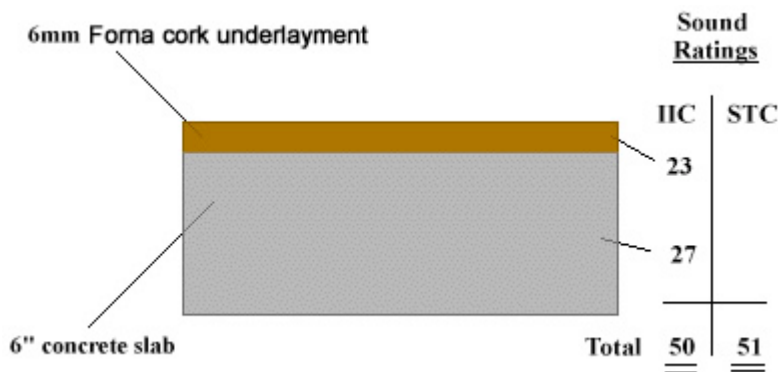
IIC=Impact Insulation Class (dB)

Static Rate: 6” cement pad (without coverings) = IIC 27 dB

(The higher the Test number (STC or IIC) the better the acoustic insulation)

(Subfloor material)	Ceramic*		Wood*	
	Finish	Finish	Finish	Finish
	STC	IIC	STC	IIC
Concrete Slab 8”	58	60	56	62
Concrete Slab 6”	53	58	54	59
Concrete Slab 4” w/Steel Deck	60	64	60	63
Wood Joist Construction	54	59	54	60

Compare our Numbers with our Competitor’s Published results:



*A hard-finish Flooring does not add to Sound Ratings



ICORK FLOOR LLC.

Fire Behavior: Cork underlayment is a fire
Inhibitor. It neither spreads
flames nor releases toxic gases
during combustion

Dimensions: Length & Width: +/-0.5mm

Tolerance: Thickness: +/-0.2mm

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