

185-1991 Savage Rd.
 Richmond BC, V6V 0A4
 Tel: 1-604-207-0661
 Toll Free: 1-866-998-1198
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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	3mm
Density	190kg/m ³ – 210kg/m ³ (11.7lb/ft ³ – 12.5lb/ft ³)
Binder	Resin of polyurethane
Base	Composition of cork granules size 1-3
Tensile Strength	5-8kg/m ²
Recovery	75%
Flexibility	ASTM F5: Pass
Floatation	None after 3 hours immersion in boiling water
Thermal Insulation	0.042kcal/m ³ h0C
<u>Acoustical Rating:</u>	Installed flooring using Forna 3mm Underlay

STC=Sound Transmission Class (dB)

IIC=Impact Insulation Class (dB)

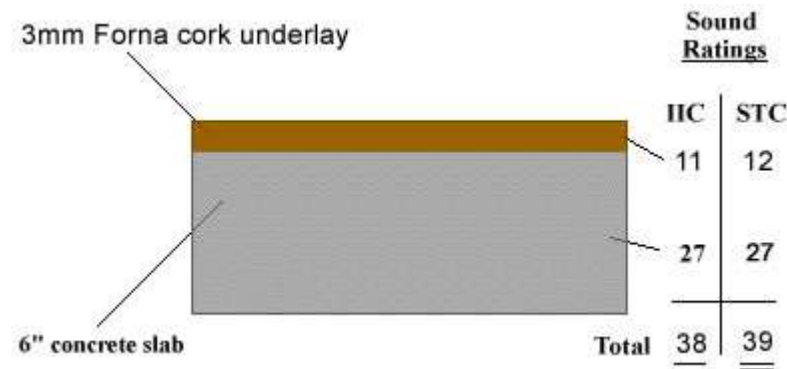
Static Rate: 6" cement pad (without coverings) = IIC 27 dB

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

3mm Cork on 6" Concrete Slab	IIC	STC
Fixed rating of concrete slab	27	27
With 3mm underlayment	11	12
Total	38	39
With Suspended Ceiling	14	14
Fixed rating of concrete slab	27	27
With 3mm underlayment	11	12
Total	52	53

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Compare our Numbers with our Competitor's Published results:



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

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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