



Impact
Sound
Control

AcoustiCORK S130

For Ceramic Tile , Natural
Stone and Hardwood Floors



Maximum IIC Noise Reduction - HOA & Architect Preferred
Strong & Durable Enough for Direct Bond Ceramic Tile & Stone
100% Natural & Sustainable Cork, Non-Toxic & Hypo-Allergenic



PRODUCT DESCRIPTION

Agglomerated 1/2" Thick Cork Underlayment for Maximum Impact Noise Attenuation of All Types of Hard Surface Flooring Materials



ENVIRONMENTAL PROPERTIES

Recycled Content (LEED MR-4)
85% + Recycled Content by Weight
Rapidly Renewing Content (LEED MR-6)
85% + Cork Granules by Weight



PHYSICAL AND MECHANICAL PROPERTIES (Per ASTM norms)

Density 11.5 to 13.6 lbs. ft.₃
Tensile Strength: > 200 KPa
Compression (100psi): < 30%
Recovery: > 90%
Durability: 10 Year Warranty
Robinson Testing Residential & Light Commercial Ratings



CERTIFIED BY
SCS Global Services



ACOUSTICAL RESULTS

(ASTM E 90 & E 492)
(Tested for STC & IIC Ratings)
IIC 50 - STC 56 Ceramic Tile
Concrete Slab - No Suspended Ceiling
City of Los Angeles Research Report
RR25323A - IIC-ES Report # ESR 2768



PACKAGING

24" x 36" 12.7mm (1/2") Sheet



OTHER FEATURES & BENEFITS

Crack Suppression for Ceramic & Stone
Thermal Insulation -R-Value 3.12 per Inch
Naturally Resistant to Mold & Mildew
Reduces In Room Step Sound
Greater Comfort Under Foot
Class A Fire Rated in Assemblies
TCNA Method F-135 Approved



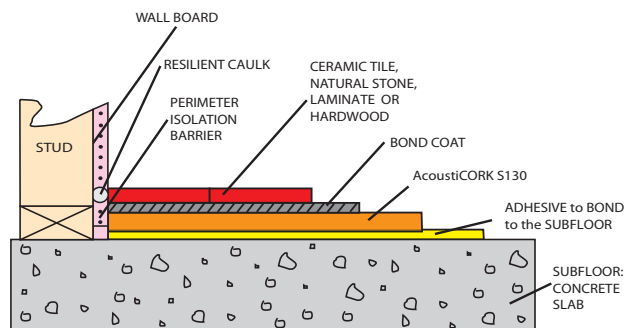
AMORIM
Cork Composites

AcoustiCORK®

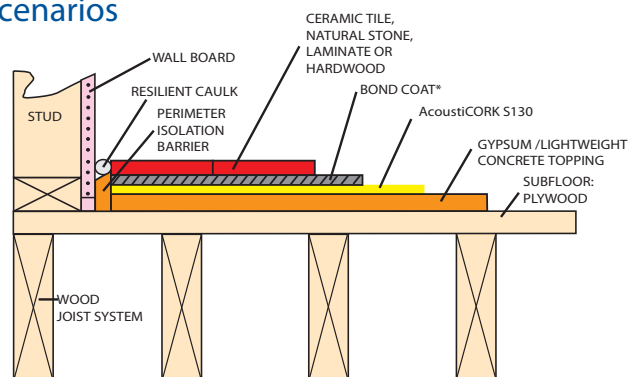
SOUND CONTROL UNDERLAYMENTS

AcoustiCORK S130 Sound Control Underlayment

Typical Installation Scenarios



AcoustiCORK S130 on a CONCRETE SUBFLOOR



AcoustiCORK S130 on WOOD FRAME & GYPSUM TOPPING

General Installation Instructions

The following installation instructions are recommended by Amorim Cork Composites, but they are not intended as a definitive project specification. They are presented in an attempt to be used with recommended installation procedures of the flooring industry.

Jobsite Conditions

Temperature > 55 °F / Room Relative Humidity < 75%.

Subfloor Preparation

All subfloor work should be structurally sound, clean and level. The moisture content of the subfloor should be no more than 3 to 5 lbs. per 1000 s/f in 24 hours as per Calcium Chloride testing.

Perimeter Isolation

To maintain the acoustical integrity of the system, it is important that the finished flooring does not make direct contact with the perimeter walls, any fixed partitions or objects in the flooring area. The use of a perimeter isolation strip is recommended. For specific instructions, visit www.acousticorkusa.com.

Applying AcoustiCORK S130 to the Subfloor

Cut the material to the desired length and position it in the space to be covered. If the finished material is to be adhered, the underlayment must be glued down to the subfloor. If the final flooring is a floating floor, the underlayment does not have to be glued down. For glued down applications, using a properly sized notched trowel, apply one of the recommended adhesives to the subfloor. Place the S130 sheets into the layer of adhesive applied in running bond (brick) type pattern and embed the into the adhesive. Repeat this process with the rest of the sheets. To ensure that the underlayment is fully embedded in the adhesive and that there are no entrapped air pockets. Roll it in both directions with a 75 or 100 lb. sectional floor roller. Proceed to cover the entire room area making sure that the underlayment sheets are tightly butted together, with no void or gaps.

Applying Finished Flooring Materials

AcoustiCORK S130 underlayment can be used with almost any hard surface flooring product. There are multiple options for attachment of different flooring products. See our website for specific details.

Laboratory Sound Test Results for AcoustiCORK S130 Underlayment

Subfloor Type	AcoustiCORK Product / Thickness	Gypsum Ceiling	Floor Covering	Sound Ratings IIC STC	Δ IIC Ratings ASTM E-2179
8" Hollow Core Slab	S130 - 13mm	No	Ceramic Tile	50 56	22**

Field IIC Test Results for AcoustiCORK S130 Underlayment

Subfloor Type	AcoustiCORK Product / Thickness	Gypsum Ceiling	Floor Covering	FIIC Rating	Δ IIC Ratings ASTM E-2179
8" Concrete Slab	S130 - 13mm	No	Ceramic Tile	54	N/A
8" Concrete Slab	S130 - 13mm	No	Hardwood	56	N/A

Tested in Accredited Laboratories as per ASTM E-90/E-413 (STC) and ASTM E-492 / E989 (IIC) see our website for details

** = Calculated Δ IIC rating for materials tested on concrete slabs, without ceiling assemblies of different thicknesses than allowed for, or prior to the existence of the ASTM E- 2179 standard



AMORIM
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