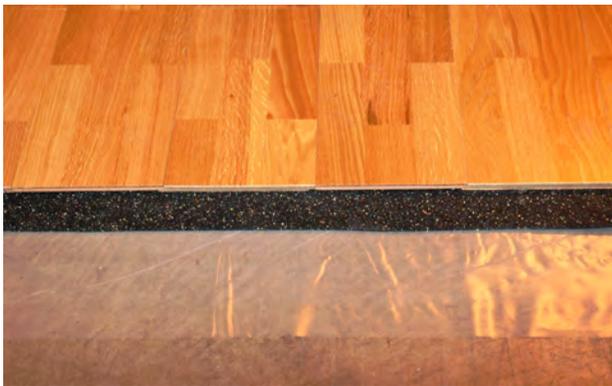


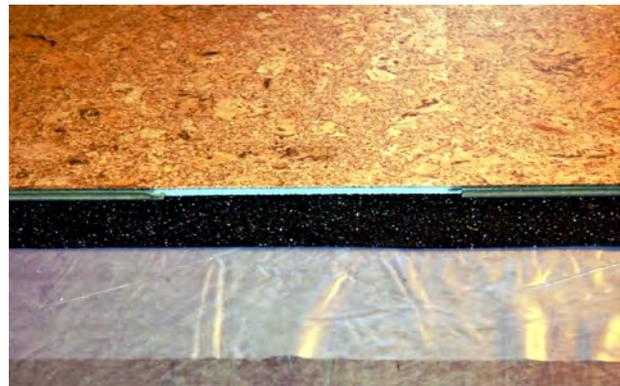
# AcustiCORK™ RR300

High Performance Recycled Rubber Sound Control Underlayment

**AcustiCORK™ RR300 Uses Post Consumer and Post Industrial Recycled Rubber Materials to Create an Affordable, Sustainable, High-Performance Sound Control Underlayment. Unlike Most of the Foam Based Products Available, the Lab Tested IIC Performance Value of RR300 Is Not Based On the Use of an Elaborate Sound Rated Ceiling Assembly, Designed to Falsely Inflate the Perceived Performance of the Product. AcustiCORK™ RR300 Is Designed to Produce Building Code Compliant IIC Sound Reduction Results When Installed in Real World Applications.**



**Compatible with all types of Floating Wood & Laminate Flooring Products**



**The perfect “Green Choice” for Floating Cork or Bamboo Flooring Materials**

## **THE ULTIMATE IN SUSTAINABILITY & LEED® CREDIT POTENTIAL**

**Made With Post Consumer & Post Industrial Recycled Rubber Granules - Proudly Made in the USA**

**AcustiCORK™ RR 300 meets many of the criteria of the organizations that promote and support green building initiatives. The use of the AcustiCORK RR 300 product in your project can help it qualify for credit points under the LEED™ Green Building Rating System in the following areas:**

- MR 4.1 Recycled Content of total building materials (approx. 95% recycled content by weight)  
RR 300 Contains both Post Consumer (70%+) and Post Industrial Recycled Content**
- MR 5 Locally Manufactured Materials (within 500 miles of Trevor, WI)**
- EQ 4.1 Low Emitting Materials Adhesives & Sealants (Adhesives used to fabricate meet SCAQMD Rule 1168)**



### **AcustiCORK PRODUCTS**

Sound Control Underlayment & Crack Suppression Membrane  
**Amorim Cork Composites, Inc.**  
26112 110th Street • PO Box 25 • Trevor, WI 53179  
(800)-558-3206 • (262)-862-2311 • FAX (262)-862-2500  
[www.acousticorkusa.com](http://www.acousticorkusa.com)

# AcustiCORK™ RR300

## High Performance Recycled Rubber Sound Control Underlayment

AcustiCORK™ RR300 is designed for maximum resilience, while still maintaining the structural stability required for a quality floating floor installation. The recycled rubber content provides superior impact noise and in room foot step sound reduction versus many low density competitive foam products, as well as the superior compression and recovery performance critical to extending the service life of your floating floor installation. It is designed for use with floating laminate, hardwood, bamboo or cork flooring products and to provide the IIC performance required to meet or exceed building code and/or developer or condominium associations requirements, even when there is no sound rated ceiling assembly present, without creating excessive thickness and/or transition issues. Its structural performance is compatible with all types of floating flooring products.

### ACOUSTICAL LABORATORY TESTING

AcustiCORK™ RR300 was tested at NGC Testing Services, an independent testing laboratory accredited by NVLAP and the US Dept of Commerce, for Impact Isolation Class (IIC) in accordance with ASTM E 492-04 and ASTM E 989-89 and for Sound Transmission Class (STC) in accordance with ASTM E 90-04 and ASTM E413-04. The results of this testing are shown in the table below:

Solid Concrete Slab Thickness (With No Sound Rated/Suspended Ceiling Assembly)	Finished Flooring Product Description	Sound Transmission Class (STC) Rating - 8" Concrete Slab with Floating Hardwood Floor	Impact Isolation Class (IIC) Rating - 8" Concrete Slab with Floating Hardwood Floor
8"	1/2" Floating Engineered Hardwood	STC 56	IIC 55

The table below shows the results of the testing on an 8" thick concrete slab subfloor and the theoretical  $\Delta$  IIC value achieved to calculate the estimated total IIC value of the same floor and underlayment assembly applied to 6" & 10" thick concrete slabs.

Solid Concrete Slab Thickness (With No Sound Rated Ceiling Assembly)	Baseline IIC* Rating of Concrete Slab Alone (With No Flooring or Sound Control system present)	Theoretical Contributed $\Delta$ IIC Value For RR300(w/Floated Wood Floor) Per ASTM E2179-03 Method	Total IIC Rating for the Concrete Slab & Floating Wood Flooring Per ASTM 492***
6"	28*	24	IIC 52 to 53***
8"	30 to 32**	24	IIC 55
10"	32 to 34**	24	IIC 57 to 59***

\* Equalized rating for specimen as tested per ASTM E 2179-03 test method

\*\* Based on average IIC ratings reported. Varies regionally as to the density of the concrete and properties of the aggregates used in the concrete mix.

\*\*\* Estimated total IIC rating based on adding the Theoretical Contributed  $\Delta$ IIC Value of AcustiCORK™ RR 300 on a 8" slab and the Baseline IIC of the 6" & 10" slabs. Actual results may vary depending on concrete density and floor assembly details.

### ENVIRONMENTAL BENEFITS

AcustiCORK™ RR 300 meets many of the criteria of the organizations that promote and support green building initiatives. The use of the AcustiCORK RR 300 product in your project can help it qualify for credit points under the LEED™ Green Building Rating System in the following areas:

MR 4.1 Recycled Content of total building materials (approx. 95% recycled content by weight)

RR 300 Contains both Post Consumer (70%+) and Post Industrial Recycled Content

MR 5 Locally Manufactured Materials (within 500 miles of Trevor, WI)

EQ 4.1 Low Emitting Materials Adhesives & Sealants (Adhesives used to fabricate meet SCAQMD Rule 1168)

### INSTALLATION RELATED DETAILS

AcustiCORK™ RR 300 is primarily designed to be used with floating laminate, hardwood, bamboo or cork flooring products. While it may be possible to use the product for glued down engineered hardwood or bamboo products, the very open or "loose" construction of RR 300 may cause adhesives to bleed through the product. AcustiCORK RR 300 is not recommended for use with direct bonded ceramic tile or natural stone products.



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