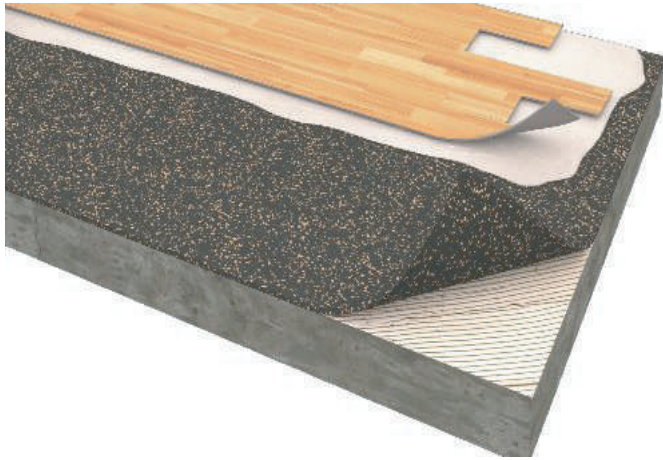




ECOx2

Approved for Use With Most:

Glued Down & Floating Luxury Vinyl Plank (LVT) Flooring Products



RECYCLED IMPACT SOUND REDUCTION UNDERLAYMENT FOR LVT PLANK FLOORING

Multi-Family IIC Noise Reduction At An Economical Price Point
 Highly Resistant To Indentation - Disguises Minor Subfloor Defects
 Superior Adhesive Performance Vs. Rubber & Extruded Foams
 Zero SBR / Tire Rubber Content = Zero Plasticizer Migration Risk
 Environmentally Superior - >90% Recycled/Renewable Content



PRODUCT DESCRIPTION

Recycled Polyurethane & EVA Foam With Cork Granules Underlayment for Impact Noise Reduction with most Glued Down & Floating LVT Plank Flooring Products.



ENVIRONMENTAL PROPERTIES

Recycled Content (LEED - MR 4)
90%+ Recycled Content by Weight
Rapidly Renewing Content (LEED -MR 7)
(Approx. 30% By Volume Cork Granules)



PHYSICAL AND MECHANICAL PROPERTIES (ASTM F1315 & F36)

Density: 28-30 lb/ft³
 Tensile Strength: > 750 KPa
 Compression (@ 100 PSI): <25%
 Recovery: > 85%
 Shore Hardness: 50 to 55
 Durability: Lifetime of the Building



ACOUSTICAL RESULTS

(As Tested Per ASTM E492/E989 & E90 / E413)

IIC66 / STC62 - 6" Concrete Slab - With Ceiling
 IIC50 / STC53 - 6" Concrete Slab - No Ceiling
 IIC53 / STC57 - 8" Concrete Slab - No Ceiling
 IIC51 / STC56 - 18" Truss / OSB / 3/4" Gypsum
 Delta IIC 21 (ASTM-2179)



PACKAGING

42" X 100' X 1.9 mm Roll
 350 s/f Per Roll / 58 lbs per Roll
 12 Rolls per Pallet



OTHER FEATURES & BENEFITS

Improves Walking Comfort Under Foot
 Non-Absorbent - Resists Mold & Mildew
 Thermal Comfort - Floors Feel Warmer
 Reduces In Room Step Sound

Made In The USA



AMORIM
Cork Composites

AcoustiCORK®

SOUND CONTROL UNDERLAYMENTS

ECOx2



Suggested Applications:

- MULTI-FAMILY HOUSING
- APARTMENTS / CONDOS
- MILITARY HOUSING
- SENIOR LIVING FACILITIES
- STUDENT DORMATORIES
- HOTELS / HOPSITALITY

IMPACT SOUND REDUCTION UNDERLAYMENT FOR GLUED DOWN & FLOATING LVT PRODUCTS

General Installation Instructions (Glued Down Application)

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

Room Conditions

Temperature > 60°F / Relative Humidity < 65%. HVAC system should be operational the room should be a conditioned space.

Subfloor Preparation

All subfloor work should be structurally sound, clean and level. The moisture content of the subfloor should not be more than 5 lbs. per 1000 s/f /24hrs as measured via a Calcium Chloride test. Gypsum based surfaces should be sealed prior to the application of the ECOx2 underlayment.

Perimeter Isolation

To avoid the lateral "flanking" of impact sound, it is important that the finished flooring does not directly contact the perimeter walls or any fixed vertical partitions in the floor area, including any pipes, columns and/or ductwork and the like protruding from the subfloor. To aid in achieving Perimeter Isolation, it is recommended to maintain a minimum of a 1/4" gap between the finished flooring and any fixed walls or partitions. A perimeter isolation strip can also be applied to these areas and then be trimmed after the flooring is installed (contact us for details). To maintain Perimeter Isolation, it is also important in areas where rigid baseboard or trim details are to be used, to maintain a minimum gap of 1/8" between the finished flooring and these rigid trim materials. This gap can be filled with a non-hardening acoustical grade flexible caulk or sealant.

Applying ECOx2 to the Subfloor (Glued Down LVT)

Allow the ECOx2 underlayment to acclimate in the space it will be installed in for approximately 24 hours prior to installing. Cut the roll material to the desired length and position in the space to be covered butting the first course of material against a wall or a fixed partition. Pull back about one half of the length of the cut material and using a properly sized V or U notched trowel, apply one of the recommended adhesives to the subfloor. Place the ECOx2 underlayment into the adhesive layer applied and firmly press or embed it into the adhesive. Repeat this process with the other half of the sheet and roll it in both directions with a 75 lb. or 100 lb. sectional floor roller to remove any entrapped air and to ensure the underlayment is well adhered to the subfloor. Proceed to cover the entire room area making sure that the underlayment sheets are tightly butted together, without any gaps. Note: Open seams and gaps in the underlayment can "telegraph" through some resilient flooring products, so the underlayment should be installed as smoothly and as well seamed as possible.

Applying ECOx2 to the Subfloor (Floating LVT)

For floating LVT Plank installations, the ECOx2 underlayment can be loose laid on the subfloor, with the seams tightly butted together taped.

Finished Flooring Installation

Always follow the flooring manufacturer's recommended installation instructions. The ECOx2 underlayment should be considered as a non-porous substrate when using with water based adhesives.

Warranty Information

AcustiCORK ECOx2 offers a 10 Year Pro-Rated Residential Warranty. This warranty covers the material cost of the underlayment and the finished flooring installed. Contact us for details.

For more detailed installation instructions, or instructions for other installation methods, please contact us or visit our website at www.acousticorkusa.com.



AMORIM
Cork Composites

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