

# HEARTLAND RUBBER

## INSTALLATION PROCEDURES FOR ECO SUPREME

This sound insulation underlayment is available in different thickness and is the perfect sound control underlayment for LVT, all types of wood flooring and ceramic. Ideal for multi-family housing, high rise buildings, single family homes, and office buildings. This underlayment has a lifetime warranty against product defects and workmanship.

Installation of rubber flooring will only be as good as the sub-base. Please review the following suggestions. Installation of rubber flooring should not begin until all other installations have been finished. Floor should be maintained at a minimum temperature of 65 degrees for 60 hours before, during and after installation.

### **Upon delivery of product, Before any installation is started be sure to:**

1. Verify packing slip matches with product and order.
2. Inspect delivered product thoroughly. Report any discrepancies of original order, product defects, etc. No reimbursement/warranty claim will be given for labor performed on material installed with visual defects. Any defects size, color, or otherwise must be reported to the place of purchase prior to installation.
3. Store product and adhesives in clean, dry environment with temperatures between 70 and 95 degrees F.

#### **Warning:**

DO NOT use recycled rubber products in conjunction with any petroleum based products. This includes solvents, adhesives or sealants. All substrates (especially new concrete) must be fully cured for 45 to 60 days prior to installing rubber products.

**Introductory Note:** This installation guide is intended to provide the necessary information for the proper installation of Eco Supreme. These instructions are believed to be based on accepted industry standards and are provided for informational use only. Ohio Rubber Floors does not warrant any installation

performed pursuant to these instructions or otherwise and specifically disclaims liability for any direct or indirect personal injury, property damage or other costs or losses resulting from installation.

**Any defect material must be brought to the attention of your material provider before installation.**

**No labor claims will be accepted after the material has been installed with visual defects present!**

**PREPARATION OF SUB-FLOOR:**

All sub-floors should be thoroughly cleaned, filled and primed. Remove paint, varnish, oil, grease, and wax. On wood floors, use a chemical paint or varnish remover. On concrete use a solution of Trisodium Phosphate (or Xylol for rubber based paint). For oil, grease or wax, scrub with Trisodium Phosphate or machine sand. In all cases, complete with thorough washing and rinsing. Before installing any material, be sure that the area that is being installed is completely dry. Concrete floors must be made even with latex floor fill. Fill cracks with latex crack filler. If floor is new, be sure it is completely dry and sweep area clean.

In Wood floors, fill cracks with plastic wood, sand uneven boards, re-nail loose boards, or replace where necessary, and prime with floor size. If needed, floor may be covered with 5-ply 5/8" plywood or hardboard and primed with floor size.

\*Acoustical underlayment products must reach room temperature to ensure a secure, tight installation with minimal size fluctuation. Inspect the product prior to installation for measurable defects or variations.

For best installation, any sub-surfaces should be reasonably flat and free of holes or variances of more than 1/16".

\*Be certain the subfloor is clean, dry, smooth, level and structurally sound as per ASTM F710-05. Test floor for vapor drive in accordance with surface flooring manufacturer's recommended installation procedures, generally vapor drive should not exceed the industry standard of <3.0 lbs. per 1,000 square feet in 24 hours. If moisture exceeds flooring manufacturer's specifications, follow their installation procedures for moisture control.

\*Mechanical surface profiling is the preferred floor preparation method. It is the only acceptable preparation method where warranties are issued. Acid etching is not

recommended. Mechanically profile the floor to medium grit sandpaper texture. Remove curing and parting compounds and other surface hardeners and floor coatings in accordance with the surface flooring manufacturer's instructions.

### **\*\*Concrete**

New concrete must be allowed to cure thoroughly prior to installation (45 to 60 days). If sealants are used, DO NOT use one with petroleum base. Old concrete must be repaired and have joint sealants and fillers installed as necessary. All cracks or flaws should be filled in or repaired prior to covering with rubber products. Use patching materials as appropriate. The concrete surface must be thoroughly cleaned of dirt, dust, grease and other foreign matter and allowed to dry completely before beginning installation.

### **\*\*Wood Base**

Wood surfaces should be completely cleaned of dirt, dust, grease or other foreign matter and be completely dry prior to installation. Trapped moisture may rot the wood.

Nails or other protrusions should be pounded down or removed, holes repaired, and surface variances repaired within the 1/16" acceptable variance level.

### **\*\*Floating Floor**

1. Check for subfloor moisture content. Always consult flooring manufacturer's written installation instructions, particularly with regard to moisture protection practices. In most instances Eco Supreme will meet the flooring manufacturer's requirements.
2. Be certain the subfloor is clean, dry, smooth, level and structurally sound. Ensure that any nail heads are flush, smooth out any other sharp subfloor protrusions and fill any holes, gaps or indentations.
3. Starting in a corner, unroll Eco Supreme over the subfloor. Eco Supreme should be laid out perpendicular to the finished surface flooring to reduce seams.
4. Fit the perimeter edge at least ¼" from the wall by cutting to size. Roll out the next underlayment row in the same manner while butting each roll seam together tightly. Do not allow peaking or overlapping of seams.
5. Make certain there are no attachments or penetrations through Eco Supreme. If any, seal all tears or penetrations using duct tape or other utility grade poly-coated cloth backed tape with an aggressive adhesive.

6. Install the surface flooring according to the flooring manufacturer's written installation instructions.
7. We recommend using underlayment for floating applications only for the following:
  - A. Click LVT = 4.5MM or thicker**
  - B. WPC=Wood Plastic Composite= 4.5MM or thicker**
  - C. SPC= Stone plastic composite= 4.5MM or thicker**
8. Always follow complete instructions from the flooring manufacturer for proper installation of the floating floor that requires expansion joints.

#### **\*\*Glue Down Floor**

1. Consult the flooring manufacturer's written installation instructions. Be certain the subfloor is clean, dry, smooth, level and structurally sound. Ensure that any nail heads are flush, smooth out any other sharp subfloor protrusions and fill any holes, gaps or indentations.
2. Starting in a corner, unroll Eco Supreme over the subfloor. Eco Supreme should be laid out perpendicular to the finished surface flooring to reduce seams.
3. Fit the perimeter edge at least 1/8" from the wall by cutting to size. Roll out the next underlayment row in the same manner while butting each roll seam together tightly. Do not allow peaking or overlapping of seams.
4. Remove fitted sections making sure to note their location in the installation.
5. Starting in the farthest corner of the room, apply adhesive using a notched trowel, according to the adhesive manufacturer's application instructions. Make sure there is full coverage of the adhesive over the subfloor. Spread the adhesive at right angles to the seams in order to prevent oozing. Do not use any adhesive that contains a petroleum product.
6. Follow immediately with Eco supreme making sure the adhesive is still open, and apply even and full pressure to assure a full bond between the adhesive and Eco Supreme. Use a 50+ pound roller to ensure proper adhesive transfer rolling the width and then the length.
7. Make certain there are no attachments or penetrations through Eco Supreme. If any, seal all tears or penetrations using duct tape or other utility grade, poly-coated cloth backed tape with an aggressive adhesive.
8. Allow to dry per adhesive manufacturer's instructions and install the surface flooring according to the flooring manufacturer's written installation instructions.
9. Always follow complete instructions from the flooring manufacturer as to what is the recommended adhesive to be used with this product. Including trowel size.

Mechanically Fastened Engineered and Solid Wood

1. Follow steps 1 through 5 required in Floating Floor above.
2. Use and overlayment above Eco Supreme make of two layers (staggered) of 3/8" exterior grade plywood (glued and screwed together for stability).
3. Install the surface flooring according to the flooring manufacturer's written installation instructions.

#### Ceramic Tile

1. Follow steps 1-9 required in Glue Down Floor above.
2. Use and overlayment above Eco Supreme make of two layers (staggered) of 3/8" exterior grade plywood (glued and screwed together for stability).
3. Install the surface flooring according to the flooring manufacturer's written installation instructions.