



**All Nydree Engineered Flooring Products
Installation – Sound Reduction
Eco-Silencer HD™ FOF
Acoustical Underlayment with Moisture Barrier**

Nydree Flooring has teamed up with Foam Products Corporation to become a distributor of Eco-Silencer HD FOF Acoustical Underlayment. We feel that this is one of the best underlayments on the market for both sound control and floating applications. This unique underlayment has a revolutionary moisture barrier film incorporated into its composition for moisture protection. It is truly a 'green' product being manufactured using both recycled granulated rubber tires (100% post consumer recycled content) and binding resins from rapidly renewable resources (soybean polyols and vegetable oils).

LEED CREDITS

MR 4.1 10% Recycled content MR 6 Rapidly renewable resource
MR 4.2 20% Recycled content EQ 4.3 Low emitting VOC's

TECHNICAL DATA & SOUND ABSORPTION PROPERTIES – See Eco-Silencer HD FOF product data sheet on the web at www.nydreeflooring.com under Technical Documents then scroll down to Product Data Sheets.

*Note: Eco-Silencer HD FOF requires that concrete be less than **3 lbs./1000 sf/24 hrs. (ASTM F1869) or less than 75% insitu relative humidity (F2170).***

DETERMINE TYPE OF INSTALLATION – Double Glue or Floating

DOUBLE GLUE DOWN INSTALLATION-Preferred Method

1. Prepare subfloor as per Nydree Engineered Flooring installation instructions.
2. Cut off the clear film lip on the Eco-Silencer HD FOF.
3. Install Eco-Silencer HD FOF with **film side down against concrete/subfloor**. Apply Nydree Flooring UP-28-0VOC adhesive to the concrete/subfloor with a fine-notched 1/16" x 1/32" x 1/32" U-notch trowel (1.6mm x 0.8mm x 0.8mm) to cover approximately 150 sq. ft. per gallon (3.7 sq. m per liter).
4. Eco-Silencer HD FOF must be immediately placed in freshly trowelled adhesive. Do not spread any more adhesive than can be covered within this time. Hot, humid weather conditions require special attention (lay in underlayment immediately). Do not let adhesive skin over. Roll out underlayment next to starting wall. Roll out next row in the same manner butting underlayment close to first row. The green foam should touch, but not overlap.
5. Roll the installed area within 30 minutes with a 150 lb. (68 kg) roller (100 pound plus 50 pound attachment). Spot check for 100% transfer of adhesive to the underside of the underlayment. No trowel marks should be evident.
6. Protect underlayment from dirt and dust. Cover with kraft paper prior to installation of Nydree Flooring.
7. Allow the UP-28-0VOC to cure beneath the Eco-Silencer HD FOF for a minimum of 10 hours before gluing down Nydree Flooring. Follow UP-28-0VOC glue down installation instructions.

FLOATING INSTALLATION – Only recommended when the substrate has a light film of old adhesive that can not be removed or has old asbestos containing tile that can not be removed.

Note: In this type of installation, the Eco-Silencer HD FOF is not glued to the substrate. Place Eco-Silencer HD FOF so that it is perpendicular to the finished flooring. Follow expansion space requirement under 'Floating Installation Method' in installation instructions. Never nail any type of trim or molding to the flooring. Always nail moldings to the walls. Allow the flooring to float freely beneath the molding.

1. Prepare subfloor as per Nydree Engineered Flooring installation instructions.
2. Install Eco-Silencer HD FOF **with film down against concrete/subfloor**.
3. Roll out underlayment with tape strip next to starting wall. Roll out next row in the same manner butting underlayment close to first row. The green foam should touch, but not overlap, while covering the clear moisture barrier film. Remove the tape strip and secure the overlapping moisture barrier film.
4. Apply Nydree Flooring UP-28-0VOC adhesive to the Eco-Silencer HD FOF following UP-28-0VOC glue down installation instructions.