

Cork Underlayment, Ecore-QTscu and Impacta ProBase (92% Post consumer recycled content) and Dura-son 3.5mm all provide a suitable sound barrier for Nydree Engineered Flooring Products. The following products are recommended and have been independently tested according to ASTM and ISO standards for acoustical values. Please contact the respective companies for their acoustical ratings and distributors.

AcoustiCORK	Amorim Industrial Solutions	800.255.2675	www.acousticorkusa.com
WECU Soundless (Rolls & 3' x 4' sheets)	WE Cork	800.666.2675	www.wecork.com
Ecore-QTscu (92% Recycled Rubber)	Ecore	866.883.7780	www.qtsoundcontrol.com
Impacta ProBase (92% Recycled Rubber)	SoundSeal	413.789.1770	www.soundseal.com
Dura-son 3.5 mm	Dura Undercushions Ltd.	800.295.4126	www.dura-son.com

SURFACE PREPARATION

All substrates must be clean (free of loose materials, oil, grease, sealers, and all other surface contaminants) and smooth (free of voids and projections, with a maximum floor variation of 3/16" in 10 feet (5mm per 3m)). Use cement-based filler to patch cracks/depressions and small holes or to level small areas. All concrete must be scoured with 3 1/2 (20 grit) open coat sandpaper to loosen dirt and remove weak concrete. Follow Preparation section of Nydree Engineered Flooring Installation Instructions with the exception stated below.

Concrete subfloors must be dry (calcium chloride results less than 3 lbs./1000 sf/24 hrs. ASTM F1869 or less than 75% insitu relative humidity ASTM F2170). If any Calcium Chloride test is equal/greater than 3 lbs. or any in-situ relative humidity test is equal/greater than 75%, then acoustical underlayment can not be used unless an approved moisture mitigation system is applied first. Bona R540 (two coats) is highly recommended for moisture protection up to 18 lbs. Calcium Chloride and 95% in-situ Relative Humidity.

TYPICAL CORK / ECORE-QTscu / Impacta ProBase / DURA-SON 3.5mm INSTALLATION

Create Perimeter Isolation Barrier.

Either use a precut, self-adhesive backed, 3/4" (20mm) wide perimeter isolation barrier or unroll the cork / rubber and cut sections 3/4" (20 mm) wide off roll. With a precut barrier, remove the release liner from the self-adhesive backing and place flat against the wall flush to the floor. Use Nydree Flooring SB1587 adhesive or Cork / Rubber Manufacturer's recommended adhesive to attach the field-cut barrier to the wall. After positioning, press the isolation strip firmly into place at walls or vertical partitions such as electrical boxes, heating ducts, cold air returns, columns or pipes. Never mechanically fasten the isolation barrier with screws, nails or staples. This will severely diminish acoustical values of the barrier. After the floor is installed, trim the perimeter isolation strip 1/4" (6.35mm) below the finished floor surface. Caulk the trimmed areas with a bead of acoustical sealant flush to the finished floor.

Cork / Ecore-QTscu / Impacta ProBase / Dura-son 3.5mm Glue Down Application.

Unroll the cork / rubber and cut to desired length, or use precut sheets. Lay cork / rubber loosely over area to be installed. Be sure to lay the cork / rubber perpendicular to the subsequent installation direction of the flooring. Both ends of the roll must curl down toward the subfloor. If the end curls up, flip material over. The temporary curl of the material will easily flatten out after the material has been glued and rolled. Butt cork / rubber directly against the perimeter isolation barrier already installed. **DO NOT OVERLAP SEAMS AND NEVER MECHANICALLY FASTEN THE CORK / RUBBER TO THE FLOOR AS THIS WILL SEVERELY DIMINISH THE ACOUSTICAL VALUE OF THE CORK / RUBBER.** After completion, cork / rubber should cover the entire flooring area without gaps. Pull the loose laid material back at least half the length of the cut piece. Using a 5/32" x 5/32" x 5/32" V-Notch trowel, apply Nydree Flooring SB1587 adhesive or Cork / Rubber Manufacturer's recommended adhesive to the subfloor. Gently return the pulled back material and roll in both directions with a 100 lb.(45kg) roller. Repeat this procedure for the other half of the cut piece. Proceed to cover the entire floor, making sure all joints are butted together tightly. Before installing the finished flooring allow the Nydree Flooring SB1587 adhesive or Cork / Rubber Manufacturer's adhesive to cure for 24 hours.

Glue-Down Flooring Application.

Follow the Nydree Engineered Flooring Installation Instructions using Nydree Flooring SB1587 adhesive and the standard 1/4" x 1/4" x 7/16" V-Notch trowel to install over the cork / rubber.