



## All Nydree Engineered Flooring Products Installation – Sound Reduction Cork, Ecore-QTscu®, Impacta ProBase and Dura-son® 3.5mm

Cork Underlayment, Ecore-QTscu and Impacta ProBase (92% Post consumer recycled content) and Dura-son 3.5mm provides a suitable sound barrier for all Nydree Engineered Flooring Products (PermaGrain and Gammapar). 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.

AcustiCORK	Amorim Industrial Solutions	800.255.2675	<a href="http://www.acousticorkusa.com">www.acousticorkusa.com</a>
Natural Cork Sound Control Underlayment	Bostik	888.592.8558	<a href="http://www.bostik-us.com">www.bostik-us.com</a>
WECU Soundless (Rolls & 3' x 4' sheets)	WE Cork	800.666.2675	<a href="http://www.wecork.com">www.wecork.com</a>
Ecore-QTscu (92% Recycled Rubber)	Ecore (Formerly Dodge-Regupol)	866.883.7780	<a href="http://www.qtsoundcontrol.com">www.qtsoundcontrol.com</a>
Impacta ProBase (92% Recycled Rubber)	SoundSeal	800.569.1294	<a href="http://www.impacta-regupol.com">www.impacta-regupol.com</a>
Dura-son 3.5 mm	Dura Undercushions Ltd.	800.295.4126	<a href="http://www.dura-son.com">www.dura-son.com</a>

### 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**)

### 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 UP-28-0VOC 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 3/16" x 5/32" (4.8mm x 4.0mm) V-notched trowel, apply Nydree Flooring UP-28-0VOC 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 UP-28-0VOC 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 UP-28-0VOC adhesive to install over the cork / rubber with the exception of the Calcium Chloride Test Results. Cork / Rubber manufacturers require that the concrete be less than **3 lbs./1000 sf/24 hrs. (ASTM F1869) or less than 75% insitu relative humidity (F2170).**

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